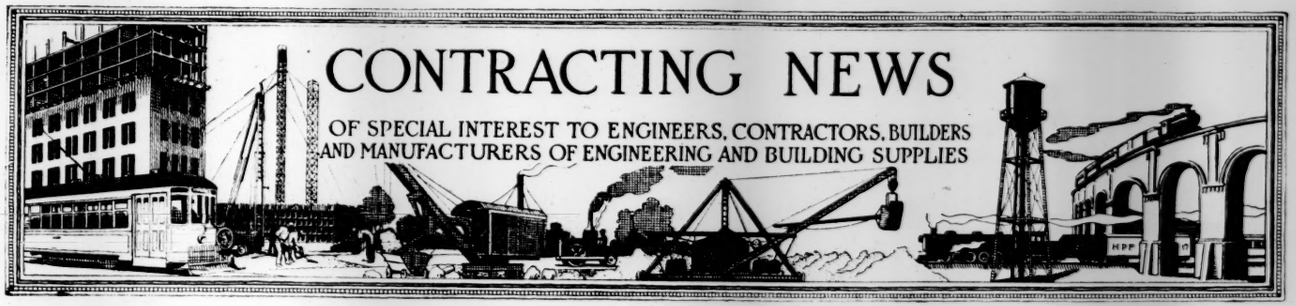
CONTRACTING NEWS
OF SPECIAL INTEREST TO ENGINEERS, CONTRACTORS, BUILDERS
AND MANUFACTURERS OF ENGINEERING AND BUILDING SUPPLIES

Proposals

For Proposals Advertised See Pages 47 to 50 Inclusive

WATER-WORKS

Bids Close		See Eng. News-Record
Nov. 26.	Euclid, O.	Nov. 8
Nov. 26.	Winnipeg, Man.	Nov. 8
Nov. 26.	Winnipeg, Man.	Nov. 15
Nov. 26.	York Twp., Ont.	Nov. 15
Nov. 27.	Akron, Ohio	Nov. 15
Nov. 27.	Tonawanda, N. Y.	Nov. 22
Nov. 27.	Manasquan, N. J.	Nov. 22
Nov. 27.	New York, N. Y.	Nov. 22
Nov. 30.	Keithsburg, Ill.	Nov. 22
Dec. 3.	Winnipeg, Man.	Nov. 8
Dec. 5.	Red Bank, N. J. Adv. Nov. 22.	Nov. 22

SEWERS

Nov. 23.	Independence, Mo.	Nov. 8
Nov. 26.	Oil City, Pa.	Nov. 1
Nov. 26.	Estherville, Ia.	Nov. 22
Nov. 27.	Jersey City, N. J.	Nov. 22
Nov. 27.	Trenton, N. J.	Nov. 22
Nov. 28.	Jersey City, N. J.	Nov. 22
Dec. 1.	Ozark, Ala.	Nov. 22
Dec. 10.	Lake Andes, S. D.	Nov. 22

BRIDGES

Nov. 27.	Milford, Del.	Nov. 15
Dec. 1.	Dayton, Ohio	Nov. 15
Dec. 3.	Akron, O.	Nov. 22
Dec. 3.	Laurel, Miss.	Nov. 22
Dec. 4.	West Palm Beach, Fla.	Nov. 8
Dec. 10.	St. Augustine, Fla.	Nov. 15
Dec. 12.	New York, N. Y.	Nov. 22

STREETS AND ROADS

Nov. 26.	Texarkana, Tex.	Nov. 22
Nov. 24.	Charleston, W. Va.	Nov. 8
Nov. 27.	Rogersville, Tenn.	Nov. 15
Nov. 27.	Bayonne, N. J.	Nov. 15
Nov. 27.	Oregon	Nov. 22
Nov. 27.	New Ulm, Minn.	Nov. 22
Dec. 1.	Columbus, Ohio	Nov. 15
Dec. 3.	Scottsboro, Ala.	Nov. 15
Dec. 3.	Washington	Nov. 22
Dec. 3.	Stanberry, Mo.	Nov. 22
Dec. 4.	Tuscumbia, Ala.	Nov. 8
Dec. 4.	Columbus, Neb.	Nov. 15
Dec. 5.	Red Wing, Minn.	Nov. 15
Dec. 5.	Santa Ana, Cal.	Nov. 22
Dec. 11.	St. James, Minn.	Nov. 22
Dec. 11.	Granite Falls, Minn.	Nov. 22

EXCAVATION AND DREDGING

Nov. 24.	Buffalo, Minn.	Nov. 15
Nov. 26.	Havana, Ill.	Nov. 15
Nov. 27.	Mankato, Minn.	Nov. 15
Nov. 27.	Rockwell City, Ia.	Nov. 22
Dec. 1.	Barstow, Tex.	Nov. 15
Dec. 1.	Montevideo, Minn.	Nov. 22
Dec. 1.	Greenfield, Ind.	Nov. 22
Dec. 4.	Salina, Kan.	Nov. 15
Dec. 6.	Marion, O. Adv. Nov. 8.	Nov. 8

BUILDINGS

Nov. 25.	Middletown, Mass.	Oct. 4
Nov. 26.	Philadelphia, Pa.	Nov. 22
Nov. 26.	Corinth, Ia.	Nov. 22
Nov. 27.	Lafayette, Ind.	Nov. 22
Nov. 27.	Harrisburg, Pa.	Nov. 15
Nov. 30.	Strahan, Ia.	Nov. 15
Dec. 1.	Grand Mound, Wash.	Nov. 22
Dec. 1.	Norfolk, Va.	Sept. 13
Dec. 1.	Glenville, W. Va.	Nov. 8
Dec. 3.	Olympia, Wash.	Nov. 15
Dec. 8.	Suffern, N. Y.	Nov. 22
Dec. 10.	East Cleveland (Cleveland P. O.) O.	Nov. 22
Jan. 1.	Wichita, Kan.	Nov. 22

INDUSTRIAL WORKS

Nov. 26.	Linden, N. J.	Nov. 22

FEDERAL GOVERNMENT WORK

Nov. 24.	Power Dry Houses—Indian Head, Md.	Nov. 22
Nov. 25.	Addition to Filtration Plant —Rock Island, Ill.	Nov. 22
Nov. 26.	Locomotive Dry Dock Cranes—Wash., D. C.	Nov. 22
Nov. 26.	Warhead Storage — Newport, R. I.	Nov. 22
Nov. 26.	Dry Dock Crane, Wash., D. C.	Oct. 25
Nov. 26.	Steel Towers—Washington, D. C.	Nov. 1
Nov. 26.	Electric Duct System — Charleston, W. Va.	Nov. 8
Nov. 26.	Radio Building—New Orleans, La.	Nov. 8
Nov. 26.	Reservoir — Philadelphia, Pa.	Nov. 8
Nov. 26.	Electric Generating System, Ft. Stanton, N. M. Adv. Nov. 8.	Nov. 8
Nov. 26.	Power Plant Improvements —Charleston, S. C.	Nov. 15
Nov. 26.	Addition to Boiler Shop—Mare Island (Vallejo P. O.) Cal.	Nov. 15
Nov. 26.	Fencing—Lake Denmark, N. J.	Nov. 22
Nov. 27.	Post Office—Chapel Hill, N. C.	Oct. 25
Nov. 27.	Stone—New Orleans, La. Adv. Nov. 1 and 8.	Nov. 1
Nov. 28.	Post Office — Bellefourche, S. D.	Oct. 11
Nov. 29.	Post Office—McLeansboro, Ill.	Nov. 15
Nov. 30.	Post Office—Buffalo, Wyo. Adv. Nov. 1.	Nov. 1
Nov. 30.	Machinery, etc. — Cincinnati, O. Adv. Nov. 1 and 8.	Nov. 1
Nov. 30.	Power House and Machine Shop — New London, Conn.	Nov. 22
Dec. 3.	Incinerator — Mare Island (Vallejo P. O.) Cal.	Nov. 15
Dec. 3.	Dredging—Melville, R. I.	Nov. 22
Dec. 3.	Pattern Shop — Washington, D. C.	Nov. 22
Dec. 5.	Post Office—Decatur, Ala.	Nov. 1
Dec. 5.	Bulkhead — New Orleans, La.	Nov. 8
Dec. 10.	Foam Fire Protection — Guantanoma, Cuba	Nov. 8
Dec. 10.	Heating System — Phila., Pa.	Nov. 15
Dec. 10.	Refrigerating Apparatus, etc.—Washington, D. C. Adv. Nov. 22.	Nov. 22
Dec. 10.	Heating System—Philadelphia, Pa.	Nov. 22
Dec. 17.	Post Office—Denton, Tex.	Nov. 8
Dec. 18.	Laterals — Torrington, Wyo.	Nov. 1
Dec. 27.	Post Office — Alexandria, La.	Nov. 22

MISCELLANEOUS

Nov. 28.	Portland Cement—Minneapolis, Minn.	Nov. 22
Dec. 3.	Steam Pipe and Fittings—San Jose, Cal.	Nov. 22

Where name of official is not given, inquiries should be addressed to City Clerk, County Clerk or corresponding official.

WATER-WORKS

Proposed Work

N. Y., Coxsackie—Village election soon to vote on $30,000 bond issue to build storage reservoir.

Ga., Dublin—City election Jan. 4, to vote on $15,000 bond issue to install water and sewer mains. M. J. Gutyon, supt. Noted Oct. 18.

O., Canton—City plans to drill 12 new wells. About $34,000. L. B. Ohliger, supt. Noted July 5.

O., Woodville—(Official)—City defeated $55,000 bonds to install water-works. Noted Sept. 27.

Mich., Highland Park—City voted $217,686 bonds to build water-works.

Mich., Lakeview — (Official) — City rejected bids, opened Nov. 15, for water-works, including steel tank and tower, motor and pump. Noted Oct. 25.

Wis., Tomahawk—(Official)—City postponed improving water-works system until spring owing to high cost of material and labor. Noted Nov. 8.

Kan., Ogden—City election Dec. 3 to vote on $12,000 bonds to build water-works. Noted Oct. 25.

Kan., Winfield — City plans election to vote on $129,000 bond issue to build water-works. J. M. Bradley, city engr.

Mont., Billings—Yellowstone Co. Comrs. plans to build water system. About $11,320.

Mo., Kansas City—City plans to issue $500,000 bonds to build additional pumping station. C. H. Hill, city engr.

Tex., San Angelo—San Angelo Water, Light and Power Co. plans to build concrete dam to secure water from spring of South Concho River and Dove and Spring Creeks, across main Concho River; 225 ft. long, 15 ft. high, width at base 10 ft., and at top 4 ft. About $12,500.

Okla., Altus—City election Dec. 4 to vote on $80,000 bond issue to improve water-works. S. E. Hickman, mayor. Noted May 31.

Okla., Oilton—City plans to build new water system.

Okla., Okmulgee—City voted $535,000 bonds to build water-works and sewer extensions.

Okla., Sulphur — City plans election to vote on $10,000 bond issue to build water-works.

N. M., Albuquerque—City plans to issue $400,000 bonds to purchase and improve water system.

Ariz., Bisbee—City plans election to vote on $375,000 bond issue to build water works and electric-light plant. J. C. McNeisch, city engr.

Wash., Pasco — Municipal Ownership League, plans election to vote on $125,000 bond issue to build new water-works. Noted Sept. 13.

Wash., Seattle—City had plans prepared building water mains in 41st Ave., S. W., from West Charleston to West Hanford St. About $12,847. A. H. Dimock, city engr.

Ore., Richland—City voted $20,000 bonds to build water-works.

Cal., Filmore — City having plans prepared by Olmsted & Gillelen, engrs., Hollingsworth Bldg., Los Angeles, for water system; $60,000 bonds voted for work. Noted Aug. 16.

Water-Works (Continued)

Cal., Inglewood—City having plans prepared by Olmsted & Gillelen, engrs., 1112 Hollingsworth Bldg., Los Angeles, for water-works.

Cal., Redding—City having plans prepared for water system. E. B. House, city engr.

Cal., Stockton—Holt Mfg. Co. plans to build water-tower, also install piping system and other fire-fighting equipment in its plant here. About $50,000.

Ont., Winona—See "Buildings."

BIDS DESIRED

N. Y., Tonawanda—(Official)—Until Nov. 27 (readvertisement), by U. W. Suison, city clk., laying intake pipe in Niagara River. About $11,000. B. Hinkey, city engr. Noted Oct. 18.

Ill., Keithsburg—(Official)—Until Nov. 30, by city, rebuilding water system. W. L. Mellinger, city clk. C. F. Sturtevant, Holdrege, Neb., engr.

Ariz., Bisbee—See "Industrial Works."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Neb., Pender**—(Official)—City let contract building water-works and electric-light plant, to Wright Electric Constr. Co., Freemont, $19,989. Noted Nov. 1.

★**Mo., Kansas City**—City let contract, about 600 tons c.i. water pipe, to Cast Iron Pipe & Foundry Co., 122 South Michigan Ave., Chicago, $52 per ton.

★**Mo., Moberly**—City let contract for water-works and additional wells, to Layne & Bowler, 400 Inter-State Bldg., Kansas City, Mo., $30,000. Noted Nov. 1.

★**Tex., Galveston**—(Official)—City let contract repairing Alta Loma pumping station, to J. W. Zempeer, Galveston. Percentage basis. Noted Oct. 25.

SEWERS

Proposed Work

Mass., Boston—City plans to improve main trunk line sewers in eastern section, including Shepherd sewerage system, to cost $125,000, and Franklin Park sewer, $100,000. E. F. Murphy, comr. pub. wks.

Mass., Fitchburg—City plans to build sewers in several streets. About $23,000. G. Chase, city engr.

N. Y., Port Jefferson—Village had plans prepared for sewage disposal plant.

N. J., South Orange—Township plans to join with other municipalities and build sanitary trunk sewer and sewage disposal plant. E. R. Arcularius, clk.

Pa., Johnstown—(Official)—City voted $500,000 bonds to build sanitary sewerage system. J. R. Crissey, city engr. Noted Oct. 18.

Pa., New Castle—City plans to build sewage disposal plant. C. H. Milholland, city engr.

Pa., Vandergrift—City had plans prepared for new sewage disposal plant. About $40,000. Baum-Werden Co., engrs.

S. C., Columbia—City plans to build sanitary sewers along Smith's Branch and Columbia Canal. Cost between $40,000 and $50,000. T. K. Legare, city engr. Noted Oct. 4.

Ga., Dublin—See "Water-Works."

Tenn., Morristown—(Official)—City having plans prepared extending sewers in south side. About $15,000. E. C. Brown, city engr. Noted Nov. 8.

Ky., Shelbyville—City voted $15,600 bonds to extend sewerage system. Noted Aug. 20.

O., Columbus—City plans sewer in Walhalla Rd. between High St. and Indianola Ave. About $40,000. H. Maetzel, city engr.

O., Toledo—(Official)—City voted $2,800,000 bonds for sewers and pumping plant; contracts for $700,000 worth of work will be let about Feb. 15. H. C. McClure, city engr. Noted Sept. 13.

O., West Park—(Official)—City lets contract in January, building sewers. About $30,000. F. Feuchter, clk. Noted Nov. 1.

Ind., Frankfort—City plans to build storm sewer in West Washington St. R. H. Boynton, city engr.

Ill., Maywood—(Official)—Sanitary Dist. of Chicago having plans prepared for sludge plant with appurtenances for community of 30,000 people, including small sewage pumping station. About $400,000. J. McGillen, Karpen Bldg., Chicago, clk. Noted Nov. 1.

Ia., Eagle Grove—City having plans prepared by C. H. Currie, engr., Webster City, building sewerage system.

Ia., Red Oak—(Official)—McGregor Subdivision Co., Cedar Rapids State Bank Bldg., Cedar Rapids, lets contract about Feb. 1, laying out 46-acre subdivision, including sewers, water-works, gas mains, paving, and building sidewalks. H. R. Greene, 2nd St. and 1st Ave., Cedar Rapids, engr. Noted Nov. 1.

Minn., St. Paul—City plans sewers in Fenton St. near Kentucky St., Baldwin St., between Walpole and St. Clair Sts.; Cretin Ave. near Randolph St.; Winter St. near Capitol Blvd. H. W. Austin, purch. agt. O. Claussen, city engr.

Tex., Princeton—City plans election to vote on $50,000 bond issue to build sewerage system.

Colo., Colorado Springs—City plans to build West End sewer extension. About $25,000. F. F. Mallon, city engr.

Ariz., Tucson—City plans to build storm sewers along 6th Ave. and 8th St. C. F. Von Petersdorff, city engr.

Ore., Portland—(Official)—City rejected bids for sewer in Klickitat St., also East 65th St. sewerage system. Noted Sept. 27.

Ont., London—City having plans prepared for sewage pumping system for West London. About $150,000. H. A. Brazier, city engr.

Ont., Winona—See "Buildings."

BIDS DESIRED

N. J., Jersey—(Official)—Until Nov. 27, by City, building sewer in Division St. from 8th to 9th St.; in Magnolia Ave. from a point about 430 ft. south of Tonnele Ave.; in Tonnele Ave. to Pavonia Ave. F. A. Dolan, clk. C. A. Van Kuren, city engr.

N. J., Manasquan—(Official)—Until Nov. 27, by R. D. Bush, boro. clk., building additions to sewerage system, consisting of pipe sewers, manholes, Y branches, etc. G. R. Moore, engr.

Ia., Estherville—Until Nov. 26, by M. G. Egbert, city clk., building sanitary sewers involving about 5690 ft. 8-10-in. pipe, together with manholes and flush tanks.

S. D., Lake Andes—Until Dec. 10, by City building sewerage system and sewage disposal plant, involving 4200 ft. 12-in. main sewer, septic tank, sludge bed, and sand filter bed. A. A. Loft, 1st Natl. Bank Bldg., Yankton, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Brooklyn**—L. H. Pounds, boro. pres., let contract building sewers and sewage pumping station in Flatlands Ave., to J. F. Cogan Co., Woolworth Bldg., New York City, $421,673. Noted Nov. 1.

N. Y., New York—M. E. Connolly, boro. pres. (Queens Boro), received low bids building sewers in Maspeth Ave. from Rust St. to Clermont Ave. and in Clermont Ave. from Maspeth Ave. to Grand St., from J. J. B. La Marsh, Inc., 26 Court St., Brooklyn, $20,906; R. Carvel, 401 West 59th St., New York City, $20,143; J. Broderick, $21,154.

Roosevelt Ave. from Alburtis Ave. to 51st St.; Gunther St., from Alburtis Ave. to 51st St., and Havermeyer St. from Alburtis Ave. to 51st St., from Green Contg. Co., 734 Verona Ave., Astoria, $10,699; J. J. Johnson, 1045 Forest Ave., Brooklyn, $11,870; E. W. Fitzpatrick, 128 3rd Ave., Brooklyn, $12,507.

Matthew Pl. from Forbes to Dunsing St., Dunsing St. from Matthew Pl. to Mareton Ave., from Kenmore Contg. Co., 6102 18th Ave., Brooklyn, $47,068; Peace Bros., 20 Main St., Flushing, $52,323; Stanhope Contg. Co., 404 Stanhope St., Brooklyn, $57,054.

North Villa St. from Ridgewood to Jamaica Ave.; North Conchran Ave. from Ridgewood to Jamaica Ave.; North Curtis Ave. from Ridgewood to Jamaica Ave., from J. H. Johnson, 1045 Forest Ave., Brooklyn, 8863; E. W. Fitzpatrick, 128 3rd Ave., Brooklyn, $10,166; C. Petracca, $10,483. Noted Nov. 8.

★**O., Cleveland**—City let contract building Sect. 5, south intercepting sewer, from Washington Park to sewage disposal plant in Newburg Heights, to Connelly Constr. Co., 439 Arcade, $180,785.

★**O., Lorain**—(Official)—City let contract building sanitary sewers in West 28th St., from Lexington to Oakdale Ave.; Oakdale Ave. from West 27th to West 28th St.; East 26th St. from Elyria to Apple Ave.; Cliffton Ave. from East 35th to East 36th St.; to T. Trifiletti, Lorain. Noted Nov. 8.

★**Wis., Madison**—City let contract building about 3 mi. of 6-12 in. sewers, to J. R. Cullinane, 618 West Dayton St., $39,177.

★**Wis., Whitefish**—City let contract laying 12,050-ft. storm sewer to Wisconsin Drainage Co.

★**Ia., Sioux City**—(Official)—City let contract building North Riverside sewerage system, including pumping station and outfall beds, to Ward & Weighton, 516 Davidson Bldg., about $34,000. Noted Nov. 8.

Cal., Long Beach—City received lowest bid building sewers in State, Locust and other streets, vitr. clay pipe with brick flush tanks and manholes, rein.-con. pumping station, centrifugal pumps, motors, iron frames and covers, automatic flushing siphons, etc., from J. Kennedy, Washington Bldg., Los Angeles, $56,250.

BRIDGES

Proposed Work

Minn., Minneapolis—Hennepin Co. Comrs. rejected bids building 800-ft. bridge over Minnesota River on Lyndale Ave. Noted Oct. 25.

Kan., Wichita—See "Streets and Roads."
Okla., Tecumseh—See "Streets and Roads."

Ariz., Tucson—Pima Co. having plans prepared by T. Haddock, state engr., Phoenix, for building bridges over Santa Cruz and Sahuarita Rivers.

BIDS DESIRED

N. Y., New York—Until Dec. 12, by D. Mathewson, boro. pres. (Bronx Boro.), building bridges and approaches, regulating, reregulating, paving and repaving Gun Hill Rd. between Webster Ave. and White Plains Rd., granite block, sand foundation.

N. J., Red Bank—(Official)—Until Dec. 5, by Bd. Freeholders, Monmouth Co., Freehold, building Hubbards Bridge. C. M. Wyckof, dir. Advertised in this issue. Noted Nov. 1.

Miss., Laurel—Until Dec. 3, by Jones Co., building 120-ft. steel bridge, 14.8-ft. roadway. H. B. Graves, clk.

O., Akron—(Official)—Until Dec. 3, by Bd. Comrs. Summit Co., building superstructure of Waterloo Bridge over Canal Tract 11, Coventry Twp. L. Kauffman clk.

Oregon—See "Streets and Roads."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Conn., Canaan**—(North Canaan)—(Official)—State Highway Comr., Hartford, let contract building rein.-con. arch bridge over Housatanoic River, between North Canaan and Salisbury Twps., to L. J. Sieling, 171 Madison Ave., New York City, $35,000.

★**Minn., Carver**—City let contract steel work for new bridge over Minnesota River to Franklin Bros. Bridge & Constr. Co., 911 Metropolitan Life Bldg., Minneapolis, $15,000.

★**Tex., Dallas**—Dallas Southwestern Traction Co. let contract building steel bridge over Trinity River, to Missouri Valley Bridge & Iron Co., Leavenworth, Kan., $63,300. Noted Oct. 11.

★**Okla., Tulsa**—Tulsa Co. Comrs. let contract building 13 bridges and culverts to Froebe-Gray Constr. Co., Muskogee, $11,694.

STRUCTURAL STEEL WORK

Proposed Work

N. J., Camden—See "Industrial Works."
Ida., Caldwell—See "Buildings."

BIDS DESIRED

Miss., Laurel—See "Bridges."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. J., Camden**—See "Industrial Works."
★**Minn., Carver**—See "Bridges."
★**Tex., Dallas**—See "Bridges."

REINFORCED CONCRETE

Proposed Work

N. Y., New York—See "Industrial Works."
O., Cleveland—See "Miscellaneous."
Minn., Alexandria—See "Buildings."
Tex., San Angelo—See "Water-Works."
Ariz., Jerome—See "Buildings."
Cal., Long Beach—See "Miscellaneous."

Reinforced Concrete (Continued)

BIDS DESIRED

Oregon—See "Streets and Roads."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Conn., Canaan**—(North Canaan)—See "Bridges."

★**Kan., Lawrence**—See "Buildings."

★**Pa., Phila.**—See "Miscellaneous."

Cal., Long Beach—See "Sewers."

STREETS AND ROADS

Mass., Boston—(Official)—Bd. Street Comrs. plan to widen Crescent Ave., Dorchester. J. J. O'Callaghan, secy.

N. Y., Buffalo—City Council plans to pave Zenner St. from Ferry St. to Scajaquada Creek. G. H. Norton, city engr.

N. Y., Huntington—Town plans to improve roads in Huntington Village and station with concrete, cost $27,000; improving highways with cinders, $7000; improving macadam road between Northport and Cold Springs Harbor, $20,000.

N. J., Newark—Bd. Freeholders Essex Co. plans to pave following roads with granite block on concrete base: Bloomfield Ave. from Montclair-Verona line through Verona, Caldwell, North Caldwell and West Caldwell to Dutch lane, cost, $390,000; Avondale Rd., Nutley, from Washington Ave. to Avondale bridge, $21,300; Tuger St., Belleville, from Washington Ave. to Belleville bridge, $20,300, with bituminous concrete, Stuyvesant Ave., Irvington, from Newark line to Union Co. line, $95,200; Gregory Ave., West Orange, from Ludlington Rd. to Mt. Pleasant Ave., $75,800; Watchung Ave., Montclair and Bloomfield, from Upper Montclair Ave., Montclair, to East Passaic Ave., Bloomfield, $77,600.

N. J., Newark—(Official)—Bd. Street & Water Comrs. soon lets contract paving Vail St. from Marion to Abbottsford Ave.; High St., from Warren St. to Boyden Pl.; South St. from Pacific to Dawson St.; North Munn Ave. from South Orange Ave. to East Orange line; Central Ave. from Plane to Burnet St.; Abbottsford Ave. from Sanford Ave. to East Orange line; Sunset Ave. from South Orange Ave. to Abinger Pl.; Mulberry St. from Center to Market St.; Meeker Ave. from Elizabeth to Freylinghuysen Ave.; Comes Alley from Market to Bank St.; Salem St. from South Orange Ave. to Rockland Terrace; Wheeler Point Rd.; Chadwick Ave. from Jeffrey Pl. to Custer Ave.; Mapes Pl. from Mapes to Shephard Ave.; Stengel Ave. from Elizabeth Ave. to Hunterdon St. M. R. Sherrard, city engr.

N. J., New Brunswick—Bd. Freeholders Middlesex Co. plans to pave Parlin Rd. from Millers Corners, Sayreville, to South Amboy.

N. J., Ocean City—City plans to extend 55th St. across tracks of West Jersey & Seashore Ry. to form portion of ocean boulevard from New York to Cape May, section of which is now being constructed between Ocean City and Sea Isle City.

N. J., Pompton Lakes—Boro. Council passed ordinance to improve Adrian St. and Lenox and Passaic Aves.

Pa., Greensburg—Westmoreland Co. soon receives bids for building 4-mi. road north and south of Irwin. County and township will each pay one-half of cost.

Pa., Johnstown—(Official)—City voted $200,000 bonds to pave streets. J. R. Crissey, city engr. Noted Oct. 18.

Pa., McKeesport—City plans to open, widen and extend Bowman Ave. from Elm St. to 5th Ave., and Maple Alley from Stewart to Brom St. J. M. Smith, city engr.

Pa., New Brighton—(Official)—Boro. passed ordinance to pave, grade and curb 13th St. between 6th Ave. and Penn Ave. and 6th St. between 3rd Ave. and 6th Ave., vitr. block. H. T. Barber, boro. engr.

Pa., Wampum—(Official)—Boro. plans to grade, curb and pave Main St. from north to south of borough line, monolithic reinforcon. C. L. Repman, secy.

Va., Norfolk—City plans to widen and improve Cove St. W. H. Taylor, Jr., city engr.

Va., Richmond—City plans paving 1st Ave. from Meadow Bridge Rd. to Front St., granolithic pavement. C. E. Bolling, city engr.

N. C., Atkinson—City voted $20,000 bond issue to build roads. Address the mayor.

N. C., Fayetteville—See "Miscellaneous."

Ga., Dublin—City election Jan. 4, to vote on $35,000 bond issue to pave streets. Noted Oct. 18.

Ga., West Point—City and Troupe Co. (Lagrange Co. seat), plan to build concrete road 20 ft. wide, from city limits to Mt. Hope cemetery.

Fla., Quincy—City soon receives bids grading Jefferson, Washington, Adams and Madison Sts. About $54,000. J. B. McCrary Co., Atlanta, engrs. Noted June 14.

Miss., Corinth—Alcorn Co. sold $60,000 bonds to build Gulf Highway.

La., Alexandria—Rapids Parish plans to sell $75,000 bonds, Jan. 2, to build roads in Dist. No. 14.

O., Canton—Federal Government ordered Stark Co. Comrs. to improve Lincoln Highway from Osnaburg east to Columbiana Co. line, passing through Canton and Massillon.

O., Cincinnati—City plans to sell $70,500 bonds to improve Central Ave., and to issue $13,000 bonds to open and extend Millbrae Ave. from Oakley to Minot Aves. F. Krug, city engr.

O., London—(Official)—City at recent election defeated $30,000 bond issue for paving various streets. Noted Oct. 4.

O., Warren—City sold $25,000 bonds for resurfacing High St. and soon lets contract for same. H. S. McKibben, city engr.

O., Xenia—(Official)—City at election Nov. 13 defeated $17,000 bond issue for street improvements. Noted Aug. 30.

Ind., Anderson—Madison Co. Comrs. rescinded contract for paving Meridian Ave. let to Indiana Asphalt Paving Co., 25th St. and Lake Erie Western Ry. Work will be readvertised. Noted Sept. 20.

Ind., Ft. Wayne—Allen Co. sold $76,000 bonds to build 5 stone roads. Noted Sept. 27.

Mich., Hastings—Barry Co. Supervs. plan to complete Grand Rapids-Battle Creek Highway leading to Camp Custer, 8 mi. 16-ft. road. Noted Apr. 19.

Mich., Holland—City Council plans to pave Lincoln Ave. from 7th to 16th St. C. T. Bowen, city engr.

Ill., Petersburg—Menard Co. voted $55,000 bonds to build hard-surfaced roads. Federal Government will contribute toward cost.

Ill., Waukegan—Lake Co. voted $500,000 bond issue to improve Sheridan Rd. from Chicago to Wisconsin State line. This amount, together with $325,000 appropriated by State and Federal Government, will make $825,000 available for road work in county. Noted Sept. 27.

Wisconsin—State Highway Comn., Madison, plans to build 12th St. Rd. as trunk line between Racine and western end of county to connect village of Rochester with trunk highway between Burlington and Waterford. A. H. Hirst, state highway comr. Noted July 5.

Wis., Green Bay—Brown Co. Supervs. plan to improve following roads during 1918: Green Bay, New Franken & Kewaunee Rd.; Green Bay, Denmark & Manitowoc Rd.; East De Pere & Dixon Rd.; Glenmore, Lark & Wayside Rd.; De Pere-Greenleaf Rd.; Suamico & Oconto Rd.; Green Bay & Shawano Rd.; Pittsfield & Pulaski Rd.; Green Bay, Hobart & Seymour Rd.; West De Pere & Oneida Rd.; Town of Eaton Rd.; Bellevue Sta., East, Green Bay, Menominee Rd.; Sturgeon Bay, Rd.; Town of Scott, Greenleaf & Wrightstown Rd.; Green Bay, Ashwaubenon & West De Pere Rd.; Humboldt & Kewaunee Rd.; Greenleaf, Askeaton & Brillion Rd.; De Pere, Lawrence and Appleton Rd. About $175,000 will be expended. Noted Oct. 4.

Wis., Marinette—Marinette Co. plans to build 5-mi. highway from Baby's Corners south of Pestigo to Oconto Co. line; about $24,000. Federal Government to appropriate $8000 toward cost, state $8000 and county $8000. State and county will also build trunk road from Maccabee Hall to Pound. Cost, $8400.

Wis., Washburn—Bayfield Co. plans $500,000 bond issue for road work.

Wis., West Allis—City plans $50,000 bond issue for street improvements.

Ia., Red Oak—See "Sewers."

Kan., Chanute—City plans to pave West Sycamore St. from North Santa Fe to Forest Ave., vertical fiber brick. Chas. Pratt, city engr.

Kan., Wichita—Sedgwick Co. plans election to vote on $2,000,000 bond issue to build roads and bridges.

Kan., Winfield—Cowley Co. had plans prepared building Interurban road between Winfield, Augusta, El Dorado and Wichita.

Neb., Columbus—City will sell $15,000 bonds to pave streets in Dist. No. 2.

Neb., Rushville—Sheridan Co. Comrs., in coöperation with Alliance Commercial Club Alliance, plan to build road to Gordon. About $30,000.

Mont., Butte—(Official)—Silverbow Co. Comrs. rejected bids for paving, building sidewalks, parkings and curbs in Dist. No. 3. New bids. S. L. Anderson, co. clk. Noted Nov. 1.

Missouri—State Highway Comn., Jefferson City, had plans prepared building Joplin-Miami Rd., 7 mi. concrete. About $300,000. A. W. Graham, state highway engr.

Mo., Clinton—Henry Co. had plans prepared for state road from Windsor to Johnson Co. line. About 5 mi.

Mo., Doniphan—Ripley Co. plans election Dec. 11 to vote on $200,000 bond issue to build roads. Noted Oct. 11.

Mo., Fulton—Calloway Co. Comrs. plan to build 16 mi. Old Trails Highway, east of Fulton, to Montgomery Co. line. About $75,000.

Mo., Greenfield—(Official)—Dade Co. plans election Nov. 24 to vote on $28,000 bond issue for roads in Everton Special Rd. Dist. Former election illegal. J. C. Webb, co. clk. Noted Nov. 8.

Arkansas—State Highway Dept., Little Rock, had plans prepared road through Ozark National Forests, part Harrison-Russellville section of Jefferson Highway. Federal Government and State appropriated $40,000 and $20,000 respectively for work. Noted Oct. 4.

Ark., Little Rock—City plans to pave Pike Ave. from 18th to 27th St., concrete. H. Linvison, city engr.

Ark., Perryville—Perry Co. had plans prepared by State Highway Dept., Little Rock, building road from Bigelow to Crossroads, 6 mi. About $11,000.

Ark., Piggott—Clay Co. plans to build 32-mi. road from St. Francis to Greene Co. line with Federal aid.

Tex., Center—(Official)—Shelby Co. at recent election defeated $600,000 bond issue for road work. R. H. McCauley, clk. Noted Nov. 8.

Tex., Dallas—City soon lets contract grading Forest Ave. and building concrete culvert to be used in connection with Forest Ave. extension plan; also paving Lemmon and Washington Aves. and Howell St., bitulithic. H. Moseley, city engr.

Tex., Greenville—Hunt Co., White Rock Dist., voted $30,000 bonds to build 6 mi. highway connecting Wolfe City roads with Greenville Rd. at Kincer.

Tex., Junction—Comrs. Court of Kimble Co. plans election soon to vote on $150,000 bond issue to build roads.

Tex., Lockhart—Comrs. Court of Caldwell Co. plans election soon to vote on $200,000 bond issue for road work.

Tex., Palestine—Anderson Co. voted $50,000 in Frankston Precinct and $40,000 in Cayuga Rd. Dist. for road work. Noted Oct. 18.

Okla., Ada—City plans to pave East 9th and East 10th Sts. and Hope Ave. from Main St. north to 9th St.

Okla., Miami—Ottawa Co. plans election Dec. 4 to vote on $400,000 bond issue to build roads and jail. Noted Oct. 11.

Okla., Tecumseh—Pottewatommie Co. plans election to vote on $450,000 to build roads and Canadian Bridge.

Okla., Waurika—Jefferson Co. voted $25,000 bond issue to build roads and bridges in Wray Twp. Noted Oct. 18.

Idaho, Grangeville—Idaho Co. plans election soon in Joseph Domecq Dist. to vote on $30,000 bond issue for road leading to Cottonwood.

Idaho, Sand Point—Bonner Co. voted $200,000 bonds to build roads. Noted Oct. 25.

Utah, Payson—City Council plans paving 6 blocks, portland cement.

Ariz., Florence—See "Excavation and Dredging."

Wash., Seattle—City plans to pave Northlake Ave. from Fremont to Katona Aves.; Densmore, Wallingford, Burke, Meridian, Woodland and Park Aves.; Stone Way from Northlake Pl. to Ewing St., and Northlake Pl. from Wallington Ave. to Ewing St.

Streets and Roads (Continued)

Wash., Seattle—City election Mar. 6 to vote on $525,000 bonds to improve Shilshole Ave. and other streets in Ballard Mill Dist. A. H. Dimock, city engr.

Oregon—State Highway Comn., Salem, had plans prepared for Baker-Cornucopia Post Rd. E. Kingsley, state highway comr.

Ore., Astoria—Clatsop Co. plans to improve roads in Rd. Dist. No. 3 and Seaside Rd. Dist. About $31,000 and $29,500 respectively.

Ore., Roseburg—Douglas Co. plans to build portion Roseburg-Myrtle Point Rd. extending into Coos Bay. About $80,000 to be expended. Noted June 7.

Ore., The Dalles—Council passed resolution to improve Union St. from present pavement at 5th St. to south line of 10th; 9th St. from Union St. to 9th St. bridge; 10th St. from Union to Washington St.; Washington St. from 10th to Clay St.; Clay St. from Washington to Kelly St.; Court St. from 5th to 8th St.; Washington St. from 5th to Fulton St.; Fulton St. from Washington to F St.; Kelly Ave. from Fulton to Alvord St.; Federal St. from Alvord to Clay St., and from Alvord to Fulton St.; Laughlin St. from Alvord to Fulton St., and F St. from Alvord to Fulton St

Cal., Riverside—Riverside Co. soon receives bids building about 10 mi. highway between Thermal and Mecca.

Cal., Santa Barbara—Santa Barbara Co plans election Nov. 28 in Mesa Impvt. Dist. to vote on $19,000 bond issue for road improvements. About $28,000 will be expended. Noted July 26.

Ont., London—City receives bids about Dec. 15 for concrete, asphalt and stone required to build new pavements to cost about $250,000. H. Brazier, city engr.

Ont., Port Rowan—Council plans to improve Main St. About $20,000. W. A. Mabee, clk.

Ont., Windsor—City having plans prepared by A. Brian, city engr., for asphaltic concrete pavement About $75,000.

BIDS DESIRED

N. Y., New York—See "Bridges."

N. Y., New York—Until Nov. 27, by M. E. Connolly, boro. pres. (Queens Boro.), regulating, grading, curbing, paving and laying sidewalks, etc., portions Glasser, Sandol, 80th, Stephen, Beach, 117th, Decatur and Hill Sts., Forest and Jamaica Aves. and Tesla Pl.

N. Y., New York—Until Nov. 27, by C. D. Van Name, boro. pres. (Richmond Boro.), regulating and grading Great Kills Rd. from Amboy Rd. to Southside Blvd.

N. J., Jersey City—(Official)—Until Nov. 28, by Bd. Freeholders, for temporary improvement of Newark Turnpike from westerly end of bridge over Hackensack River to Schuyler Ave. W. O'Mara, clk. Noted July 12.

N. J., Trenton—(Official)—Until Nov. 27, by Bd. Freeholders Mercer Co., paving approaches to Bakers Basin Bridge on Brunswick Pike Rd., bituminous concrete surface, macadam foundation.

Ala., Ozark—Until Dec. 1, by Dale Co., improving Ozark and Trail Rds., being portion State Trunk Rd. No. 10, between Ozark and Troy, length 8.7 mi.; work involves 10 acres clearing and grubbing; 49,617 cu.yd. borrow; 17,830 cu.yd. sand-clay surfacing, 825 lin.ft. D. S. vitr. clay pipe; 50 cu.yd. concrete.

Ky., Lebanon—(Official)—Until Dec. 6, by Marion Co., building 5½-mi. inter-county road from here to Bardstown, beginning at Smocks Chapel and extending to Nelson Co. line. No bids received Nov. 12. S. J. Spalding, co. clk. Noted Nov. 8.

Mo., Stanberry—Until Dec. 3, by C. A. Greenlee, city clk., paving, curbing and guttering Main St. from Park to Willow St., 1st St. from Locust to High St. and alley in block 11 from Locust to Park St.

Tex., Texarkana—(Official)—Until Nov. 26, by City, paving Olive St., from 4th to 19th St., including 23,000 sq.yd. brick pavement and 4700 sq.ft. gutter. About $56,000. Noted Nov. 8.

Washington—(Official)—Until Dec. 3, by State Highway Comn., Olympia, improving Sunset and Central Washington Highways, involving clearing, grading, draining and surfacing 10 mi. in Grant Co. and 30 mi. in Franklin Co. Noted Aug. 2.

Oregon—(Official)—Until Nov. 27, by State Highway Comn., Yeon Bldg., Portland, for 1½ mi. grading in Wheeler Co., on Ochoco Forest Rd., 4 mi. from Mitchell; also building 90-ft. wood-span bridge (separate bid for bridge); 13 mi. grading in Douglas Co., on Pacific Highway, known as Myrtle Creek-Dillard Sect., involving 140,000 cu.yd. excav.; one 90-ft. rein.-con. viaduct across Goble Creek, in Columbia Co. on Columbia River Highway. Noted Oct. 25.

Cal., Santa Ana—Until Dec. 5, by Orange Co. Comrs., building Santa Ana canyon road from Peralta to Riverside Co. line; also paving Buena Park, Topeka mixture.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Brooklyn**—L. H. Pounds, boro. pres., let contract regulating and paving Hopkinson Ave., to Sicilian Asphalt Pav. Co., 41 Park Row, New York City, $21,793. Noted Oct. 18.

★**N. Y., Brooklyn**—L. H. Pounds, boro. pres., let contract improving Ave. M and West 36th St., to Cranford Co., 52 9th Ave., $15,095 and $11,610, respectively. Noted Nov. 1.

★**N. Y., Long Island City**—M. M. Connolly, boro. pres., let contract paving portion Hughes and Hancock Sts., to Sicilian Asphalt Paving Co., 41 Park Row, New York City, $10,475 and $11,681, respectively. Noted Oct. 18.

★**N. Y., New York**—D. Mathewson, boro. pres., let contract paving roadway of Bronx and Pelhahm P'kway., between Southern Blvd. and Butler St., and Butler St. and Boston Rd., to Union Paving Co., 120 Bway., $58,900. Noted Oct. 18.

★**N. Y., New York**—M. M. Marks, boro. pres., let contract improving roadway 59th St. to W. J. Fitzgerald, 547 West 47th St., $29,762. Noted Oct. 18.

★**N. Y., New York**—M. M. Marks, boro. pres., let contract improving portion 38th, 43rd, 44th, 45th and 46th Sts., to A. Ferris, 672 Degraw St., Brooklyn, $38,318; repaving portion Park Ave. to Asphalt Constr. Co., Madison Ave. and 137th St., $11,367. Noted Oct. 25.

N. Y., New York—M. M. Connolly, boro. pres. (Queens boro.), let contract improving portion Jamaica Ave., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $93,783. Noted Oct. 4.

★**N. Y., Yonkers**—Bd. Contract & Supply let contract paving Central Ave., from south to north city limits, to J. E. Pawson Co., 58 Wells Ave. About $16,050. Noted Nov. 15.

N. J., Atlantic City—City received low bids building ornamental parkway from city limits to Virginia and Mediterranean Aves., from Hill Dredging Co., Atlantic and Somerset Pl., $153,589; E. L. Bader, Tennessee and Thorp Sts., $172,000, both of Atlantic City.

★**S. C., Darlington**—City rescinded contract let to Simons & Mayrant Co., 18 Broad St., Charleston, and relet same to Noll Constr. Co., Chattanooga, Tenn., $57,019. Noted Nov. 8.

★**Ia., Ida Grove**—City let contract paving 36 blocks, Texaco asphalt, to J. S. McLaughlin & Sons, Red Oak; about $1.89 per sq.yd. Noted Nov. 8.

★**Kan., Lindsborg**—City let contract paving 25,173 sq.yd. Main St., vertical fiber brick, including 73 ft. curbing and guttering; also 5501 cu.yd. excav., to Geiger Constr. Co., Leavenworth. About 62,321. Noted Nov. 15.

★**Tex., Ft. Worth**—Tarrant Co. Comrs. let contract building tarvis pike from city limits to Nine-Mile Bridge, to D. H. Purvis, Ft. Worth. About $17,874. Noted Sept. 20.

★**Colorado**—State Highway Comn., Denver, let contract building 4 mi. Littleton-Denver Rd., 24 ft. wide, to C. Conner. About $73,929. Noted July 5.

★**Ariz., Globe**—(Official)—Gila Co. let contract building Sect. 2, El Capitan Rd., to R. O. Black, Clifton, $70,290 Noted Nov. 1.

★**Wash., Seattle**—King Co. Comrs. let contract building Auburn-Enumclaw Highway, to Kaiser Paving Co., Everett, $91,430.

★**Wash., Seattle**—City let contract paving 6th Ave. to McGuire Bros., American Bank Bldg., $33,825 Noted Sept. 27

★**Oregon**—State Highway Comn., Salem, let contract building Wolf Creek-Graves Creek Highway in Josephine Co., to Amer. Exploration & Contg. Co. About $56,947.

★**California**—State Highway Comn., Sacramento, let contract building 15.6 mi. highway between Garberville and Miranda in Humboldt Co., to Palmer & McBryde, Hooker & Lent Bldg., San Francisco, $223,555; laying asphaltic surface on highway between Fresno and Malaga, Fresno Co., to Blanchard-Brown Co., Call Bldg., San Francisco, $22,824; 10 mi. highway between San Fernando and Rancho Tujunga, Los Angeles Co., to A. L. McCray, 234 West 28th St., Los Angeles, $111,251. Noted Nov. 15.

★**Cal., Los Angeles** — City let contract grading and paving Exposition Blvd. from Roseburg Pl. to Menlo Ave., involving 109,315 sq.ft. grading, paving, 421 lin.ft. cement curb, 2059 sq.ft. and concrete gutter 290 sq.ft. granite block gutter, to G. R. Curtis, 2440 East 26th St. About $16,757.

★**Cal., Oakland**—(Official)—Alameda Co. Supervs. let contract building Castro Valley Rd. to Russell & Fernandez, Hayward, $82,861. Noted Nov. 15.

★**Cal., San Diego**—San Diego Co. let contract paving Lookout Dr. and Palm Ave., La Mesa Dist., to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles. About $17,000.

★**Cal., San Diego**—Bd. Superv. let contract building 6 mi. 20-ft. concrete road between San Diego and Camp Kearny, to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles. About $108,325. Noted Nov. 15.

★**Que., Chicoutimi**—Council let contract building macadam roadways to Riverin & Riverin, Chicoutimi. About $135,000.

RAILWAYS—STEAM & ELECTRIC

Proposed Work

Pennsylvania — Pennsylvania R.R. purchased property foot Welch St., Chester, and having plans prepared for extending its trunk line as far as Market St. and Marcus Hook, also building double draw bridge over Chester River on Market St. A. C. Shand, Broad St. Sta., Phila., ch. engr.

Delaware — Pennsylvania R.R. plans to spend $3,000,000 to improve its Edge Moor yards, near Wilmington. A. C. Shand, Broad St. Sta., Phila., ch. engr.

Texas—Southern Pacific R.R. plans to relay its tracks between Houston and El Paso with 90 lb. steel rails, about 297 mi. W. Hood, Flood Bldg., San Francisco, ch. engr.

California—Pacific Electric Ry., Pacific Electric Bldg., Los Angeles, plans to build extension from Santa Ana to San Diego. About 80 mi. J. McMillan, genl. mgr.

EXCAVATION AND DREDGING

Proposed Work

Ariz., Florence — (Official)—Reclamation—Theresa Hall Cotton Co. plans to reclaim and grade 3000 acres of land. R. W. Waterman, Blythe, Cal., engr.

Ariz., Parker—(Official)—Reclamation—Theresa Hall Cotton Co. plans to reclaim 2000 acres of land. R. W. Waterman, Blythe, Cal., engr.

Ariz., Phoenix—Irrigation—Paradise Valley Verde Water Users' Assn. plans to organize irrigation district and issue bonds to build projected Horseshoe dam.

Wash., Prosser—Irrigation—Prosser Irrigation Dist. prepared plans for pumping plant near Prosser to lift water from Sunnyside Canal to water 2000 acres above gravity flow. About $200,000.

BIDS DESIRED

Ind., Greenfield—(Official)—Drain—Until Dec. 1, by C. Boone, engr., Hancock Co., building Henry D. Holt et al. drain, Blue River Twp., involving 5839 ft. 7-20-in. tile; 1 retaining wall, cleaning out old channel, etc.

Ia., Rockwell City—Drainage—Until Nov. 27, by R. B. Dixon, aud., Calhoun Co., improving D. D. No. 67, involving 17,000 ft. 24-10-in. tile, also cleaning out or redigging main open ditch from Sta. 21 to Sta. 265, involving 25,880 excav

Excavation and Dredging (Continued)

Minn., Granite Falls—(Official)—Ditch—Until Dec. 11, by Yellow Medicine Co., building Judicial Ditch No. 7, involving 23,321 ft. 5-24 tile. About $20,616. Former bids rejected. G. H. Wilson, aud. Noted Nov. 1.

Minn., Montevido—Ditch—Until Dec. 1, by J. J. Stennes, aud., Chippewa Co., building Co. Ditch No. 22, involving 1,225,662 cu.yd. open work and 316,598 ft. 6-20-in. tile. About $202,329.

Minn., New Ulm—Ditch—Until Nov. 27, by Brown Co., building Ditch No. 43, involving 17,181 ft. 6-in. tile. W. P. Backer, aud.

Minn., St. James—Ditch—Until Dec. 11, by Watonwan Co., building Judicial Ditch No. 18, involving 62,986 ft. 6-34-in. tile, Judicial Ditch No. 13, 73,765 ft. 6-34-in. tile. J. C. Jensen, co. aud.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ia., Ft. Dodge**—(Official)—Drain—Webster Co. let contract building Drain No. 258, to Burkland & Littell, Eagle Grove, Ia., $22,699. Noted Nov. 1.

★**Ia., Sibley**—Drainage—Osceola Co. let contract building D.D. No. 26, involving 57,230 ft. 6-30 in. tile, to Sibley Cement Co., Sibley. Noted Oct. 11.

★**Kan., Belvue**—Ditches—Bd. Dir. Belvue D. D. let contract building drainage ditches and changing course of channel, Lost and Welch Creek River Dist., to T. L. Campbell, Atchison, Kan., $17,000. Noted Oct. 4.

★**S. D., Armour**—(Official) — Drain—Douglas Co. let contract building Drain No. 4, involving open ditch 5 mi. long, 30,000 cu.yd. excav. and 750 ft. 20-in. tile, to H. Vander Pol, Corsica, 25c. and 27c. per cu.yd. respectively. Noted Nov. 1.

★**Ont., Hullett Twp.**—Drainage—Hullett and Grey Twps. let contract drainage work to A. Guhr, Brussels, Ont., $53,000.

INDUSTRIAL WORKS

Proposed Work

Mass., Boston—City having plans prepared by Maher & Winchester, archts., 8 Beacon St., 2-story fireproof market house. About $68,000.

Conn., Bridgeport — D. W. Flint, Allen Ave., Providence, R. I., having plans prepared by W. H. Van Tine, archt., Fisher Arcade Bldg., Detroit, Mich., for 3-story, 140 x 150-ft. factory. About $100,000.

N. Y., Brooklyn—Foster Impvt. Co., 2027 Douglas St., had plans prepared by S. Millman & Sons, archts., 1780 Pitkin Ave., for 1-story, 90 x 105-ft. garage. About $25,000.

N. Y., Brooklyn—M. C. K. Contg. Co., 2168 Dean St., having plans prepared by S. Millman & Son, archts., 1780 Pitkin Ave., 1-story, 100 x 100-ft. brick garage on Fulton St. About $25,000.

N. Y., Brooklyn—National Aniline & Chemical Co., 38 Ross St., plans to build 36 x 87 ft. power house at Ditmas Ave. and 83rd St. About $30,000.

N. Y., Brooklyn—Richnitz Bros., 44 Court St., had plans prepared by S. Millman & Son, archt., 1780 Pitkin Ave., 1-story, 90 x 220-ft. brick garage, Ave. C and Coney Island Ave. About $60,000.

N. Y., Brooklyn—Roberts Numbering Machine Co., 706 Jamaica Ave., having plans prepared by W. C. Winters, archt., 106 Van Sicklen Ave., building 2½-story factory. About $30,000.

N. Y., Buffalo—Beaver Board Co. plans to build 4-story, 40 x 80-ft. rein.-con. addition to its plant on Beaver Rd., Ontario St., and New York Central R.R. W. F. MacGlashan, pres.

N. Y., Buffalo—Fore River Shipbuilding Corp., 97 Howard St., Quincy, Mass., subsidiary of Bethlehem Steel Corp., had plans prepared, 1-story machine shop on Vulcan St., here.

N. Y., College Point—L. M. F. Eng. Co., Inc., had plans prepared by P. M. Coco, archt., 120 West 32nd St., for 1-story, 100 x 170-ft. factory, 4th Ave. and 10th St., here. About $150,000.

N. Y., New York—Chelsea Storage Warehouse, 112 W. 107th St., New York City, having plans prepared by Wortman & Braun, archts., 114 East 28th St., for 2-story addition to warehouse. About $45,000. L. Schramm, 426 West 26th St., pres.

N. Y., New York—Himoff Machine Co., 50 Church St., increased its capital stock from $100,000 to $250,000, and plans to build an addition to its factory.

N. Y., New York—B. Iannucelli, 1772 Mt. Hope Ave., having plans prepared by De Rosa & Pereira, archts., 150 Nassau St., 2-story, 100 x 112-ft. brick and iron garage on Inwood Ave. near McCombs Rd. About $25,000.

N. Y., New York—E. & H. Levy, 4th Ave. and 19th St., plans 3-story, 52 x 203-ft. rein.-con. factory on Purdy St. About $75,000.

N. Y., Niagara Falls—Elderfield Hartshorn Hardware Co., 40 Falls St., had plans prepared by Wright & Kremers, archts., 407 Gluck Bldg., for 1- and 2-story, 50 x 100-ft. tinshop and warehouse. About $25,000.

N. Y., Plattsburg — Plattsburg Alloys Corp. has increased its capital stock from $60,000 to $125,000, and plans to build addition to plant here.

N. Y., Syracuse—New Idea Double Tire Co., 261 West Onondaga St., plans 3-story, 50 x 150-ft. cement block factory. About $25[illegible].

N. J., Trenton—Empire Tire & Rubber Corp., North Clinton and Mulberry Sts., plans new addition to plant; also installation of new machinery. About $220,000. J. C. Murray, 800 Riverside Ave., treas.

Pa., Phila.—S. Sklaroff & Sons, 712 South 2nd St., had plans prepared 6-story, 22 x 145-ft. addition to storage warehouse. F. E. Hahn, 112 Chestnut St., engr. and archt., soon receives bids.

Wash., D. C.—Potomac Electric Power Co., 14th and C Sts., N. W., plans addition to factory. About $27,000. Milburn & Heister, Union Savings Bank Bldg., archt.

Va., Norfolk—Hampton Roads Shipbuilding & Dry Dock Co., has acquired 150 acres of land here and plans to construct shipbuilding plant. About $800,000. R. B. Wallace, genl. mgr.

La., Monroe—Monroe Hardware Co. had plans prepared 2-story, 110 x 200-ft., brick warehouse. About $50,000. J. W. Smith, Central Savings Bank & Trust Bldg., archt.

Tenn., Nashville—Bransford Realty Co., 219 6th Ave., N., plans brick and concrete warehouse, 125 x 29 ft., 8th Ave. About $60,000.

O., Cleveland—Blair Auto Co., 1717 Euclid Ave., soon lets contract 2- and 3-story, 64 x 86-ft., brick and rein.-con. addition to garage and salesroom. About $40,000. B. Blair, mgr.

O., Cleveland—Toledo Plate & Window Glass Co., 1014 West 11th St., soon lets contract, 120 x 150-ft. factory, St. Clair Ave. and Hamilton St. About $150,000. Walker & Weeks, 1900 Euclid Ave., archts.

O., Cleveland—Wicklow Constr. Co., 700 Marshall Bldg., having plans prepared for 146 x 165-ft. garage, St. Clair and Ontario Sts. About $250,000.

O., Dayton—Buckeye Iron & Brass Wks., 326 East 3rd St., recently increased its capital stock from $75,000 to $200,000, and plans to build an addition to its factory.

O., Springfield—Springfield Baking Co., 132-36 West Washington St., having plans prepared by Cooley & Co., archts., Century Bldg., Pittsburgh, Pa., 2-story, 50 x 80-ft. addition to bakery.

Mich., Detroit—See "Buildings."

Mich., Detroit—Dodge Bros., Campau and Hamranck Aves., having plans prepared for munition factory. About $1,500,000.

Mich., Muskegon—Anderson Packing Co. having plans prepared by H. C. Christensen, archt., 7258 South Union St., Chicago, for 2-story packing plant. About $150,000.

Ill., Chicago—Harrington & King Perforating Co., 612 North Union Ave., having plans prepared for 1 and 2-story factory, Taylor and Campbell Aves. About $150,000.

Ill., Chicago—Kenderdine Campbell Co., 3256-7 Fullerton Ave., soon lets contract, 2-story garage and show room. About $30,000. R. G. Pierce, 10 South La Salle St., archt.

Ill., Chicago — B. Lasers & Sons, 1462 Newberry St., having plans prepared by A. Anis, archt., 155 North Clark St., 3-story, 48 x 100-ft. warehouse. About $50,000.

Ill., Chicago — G. C. Mimmons & Co., archts., 122 South Michigan Ave., soon lets contract, 8-story, 100 x 100-ft. rein.-con. factory, Kinzie and Franklin Sts., for Union Specialty Machine Co., 300 West Kinzie St. Noted Sept. 27.

Ill., Chicago — H. G. Seal Co., 4410 Ravenswood Ave., represented by Rosenberg & Reininger, 111 West Washington St., having plans prepared by W. T. Branitsky, archt., 54 West Randolph St., for 2-story, 120 x 125-ft. factory on Ravenswood St. About $100,000.

Ill., East St. Louis—St. Louis Coke & Chemical Co., subsidiary of American Coke & Chemical Co., 608 South Dearborn St., Chicago, plans coke plant here. About $10,000,000. W. G. McGuire, St. Louis, secy.

Wis., Appleton—Eagle Mfg. Co., increased its capital stock from $200,000 to $500,000 and plans to build addition to its factory here. F. Saiberlich, pres.

Wis., Menasha—Menasha Wire & Mfg. Co. plans to build factory here. About $25,000.

Wis., Monroe—L. E. Gette, c/o Industrial Coöperative Union, soon lets contract, 3-story, 45 x 130-ft. cold storage warehouse. About $60,000. C. F. Ringer & Son, University Bldg., Milwaukee, archts.

Tex., Houston—Sinclair Gulf Refining Co., subsidiary of Sinclair Gulf Corp., 120 Bway., New York City, plans to build refinery, also pipe line here, to consists of 4 units. About $6,000,000.

Okla., Oklahoma—H. E. Bagby soon lets contract, 3-story, 50 x 40-ft. garage. About $25,000. L. H. Bailey, Colcord Bldg., archt.

Okla., Pawhuska — City voted $75,000 bonds to improve gas plant. P. H. McMahon, clk.

Ariz., Bisbee—City Council plans election soon to vote on $375,000 bond issue to build new electric-lighting and gas-manufacturing plants, also water system.

Wash., Seattle—Elliot Shipbuilding Co. plans to construct 280 x 320-ft. shipbuilding shed; cost, $35,000; also office building, foundry and machine shop; $135,000.

Ore., Baker—Baker White Pine Lumber Co. plans to build sawmill between Baker and Durkee. About $175,000. W. J. McIntyre, representing Murray Mfg. Co., Wausau, Wis., archt.

Cal., Monterey—B. J. Sanderman plans to build 3 fish canneries here, 60 x 100 ft., 80 x 100 ft., 100 x 125 ft. About $50,000.

Cal., Sacramento—State Printing Office, 15th and M Sts., plans new shop on 8th St. About $100,000.

Cal., San Diego—Craig Shipbuilding Co., Bway. and Water St., Long Beach, plans shipbuilding plant near municipal pier here. About $500,000.

Cal., San Francisco—Fowler Airplane Corp., 128 12th St., plans to build factory to contain about 50,000 sq.ft. space.

N. S., New Glasgow—Nova Scotia Steel and Coal Co., Ltd., plans addition to plant here. About $4,000,000. F. H. Crockard, genl. mgr.

Que., St. Romauld—Dussault Co., Levis, had plans prepared for machine shop. About $50,000. M. J. Et Dussault, Wolfe St., Levis, pres.

B. C., Prince Rupert—S. E. Landry, Vancouver, plans to construct shipbuilding plant. About $250,000.

BIDS DESIRED

N. J., Linden—(Official)—Until Nov. 26, by C. H. Higgins, engr., 165 Bway., New York City, for 2 new buildings, 3 story, 32 x 51 ft., and 3 story, 18 x 36 ft., rein.-con., brick and hollow tile; also alterations to 1-story, 25 x 100-ft. building, Elizabeth Ave. and Style St., for Transatlantic Chemical Corp., owners, 80 Wall St., New York City.

Pa., Phila.—Until Nov. 26, by Phila. & Reading Ry., for engine house and machine shop, Erie Ave. Yard, 3rd and Erie Ave. S. T. Wagner, ch. engr.

Wash., Grand Mound—See "Buildings."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., New York**—Washburn Wire Co., 118th St. and Harlem River, let contract rebuilding factory recently destroyed by fire, to Deeves & Bro., 101 Park Ave.

★**N. J., Camden**—(Official)—New York Shipbuilding Co., 120 Bway., New York City, let contract steel addition to forge shop; 2 50 x 67-ft. additions to warehouse, 133 x 140-ft. brick addition to machhine shop; and miscellaneous items, including 3 structural

Industrial Work (Continued)

steel buildings, "overways," wood and steel trestle and "T" and "U" building, about 354 x 785-ft., to its plant at Bway and Fairview St., to McClintic-Marshall Co., 1937 Ridge Ave., Phila.

★**N. J., Newark**—American Can Co., 129 Bway., New York City, let contract 3-story, 100 x 300-ft., brick, rein.-con. factory, Whorter St., to Amer. Concrete Steel Co., 27 Clinton St.

★**Pa., Edgewater** — (Oakmont P. O.)—Edgewater Steel Co. let contract building addition to factory here, to Austin Co., 14230 Euclid Ave., Cleveland, O. About $100,000.

★**Pa., Phila.** — Bellevue Worsted Mills, Wister St. and Pennsylvania R.R., let contract, 61 x 412 ft. factory, 16th St. and Huntington Park Ave., to H. E. Baton, 12 Sansome St., $152,000. Noted Apr. 5.

★**Pa., Phila.**—J. T. Lewis & Bro., Lafayette Bldg., let contract 2-story, brick and concrete factory addition to Turner Concrete Steel Co., 1713 Sansom St. About $150,000.

★**W. Va., Mullens** — (Official) — Mullens Ice & Cold Storage Co., let contract cold-storage and bottling plant, to Earley Bros., Mullens, $36,000. Noted Nov. 8.

★**O., Bedford**—Bedford China Co. let contract 1st unit of pottery plant, 1 story, brick and concrete, to W. Dunbar Constr. Co., 6201 Cedar Ave., Cleveland. About $150,000. Total cost, $500,000.

★**O., Cleveland**—Parish & Bingham Co. let contract 2-story, 50 x 220-ft. and 1-story, 50 x 265-ft. machine shop, die and storage buildings, to W. I. Thompson Co., 6110 Euclid Ave., percentage basis.

★**O., Cleveland**—Wellman-Seaver-Morgan Co., 7000 Central Ave., S. E., let contract for 130 x 400-ft. steel factory in connection with its Akron works, to G. A. Fuller Co., 404 Swetland Bldg.

★**O., Elyria**—Willys Overland Co., Overland Bldg., Toledo, let contract, 1-story, 30 x 40-ft. boiler house, to Crowell-Ludoff-Little Co., 1951 East 57th St., Cleveland, $70,000.

★**Ill., Peoria**—Holt Mfg. Co., West Washington, East Peoria, let contract, 1-story, 140 x 300-ft. foundry, to V. Jobst & Sons, 109 South Jefferson St. Noted July 26.

★**Wis., Cudahy**—Federal Rubber Co. let contract 1-story, 60 x 100-ft. factory here, to Leonard Constr. Co., 332 South Michigan Ave., Chicago, $150,000.

★**Wis., Manitowoc**—Tinsel Mfg. Co. let contract 3-story, 60 x 120-ft. factory, 16th and Hamilton Sts., to W. W. Oeflein, 86 Michigan St., Milwaukee.

★**Wis., Milwaukee** — American Grinder Mfg. Co., 2203 Sycamore St., let contract 2-story, 85 x 121-ft. addition to shop, to Coddington Eng. Co., North Milwaukee, $35,000.

★**Ia., Dubuque**—Adams Co., 295 6th St., let contract 2-story, 74 x 249-ft. factory, to A. Zwack, 1301 Clay St., $40,000.

★**Kan., Arkansas City**—Kansas Gas & Electric Co. let contract large addition to plant to Phoenix Constr. Co., 721 Munsey Bldg., Baltimore, Md.

★**Kan., Wichita**—O. A. Boyle, c/o Boyle Comn. Co., 135 North Rock Island Ave., let contract, 3-story, 40 x 100-ft. warehouse, to G. Siedhoff Constr. Co., 301 Finance Bldg., Kansas City, Mo., $30,000.

★**Neb., Ord**—City let contract electric-light plant to Merkle-Heins Machinery Co., 508 Interstate Bldg., Kansas City, Mo., $27,000.

★**Wyo., Torrington**—J. P. Nolan let contract 2-story, 100 x 140-ft. garage, to Ideal Constr. Co., Bridgeport, Neb., $30,000.

★**Okla., Oklahoma**—Sifers Candy Co., 517 Grain Ex. Bldg., let contract, 5-story, 50 x 100-ft. factory, to Campbell & Price, 610 Majestic Bldg., $90,000. Noted Aug. 9.

★**Ont., Fergus**—J. Wilson & Sons, St. Andrews St., let contract 5-story, brick and steel sawmill to G. J. Peattie, 72 Victoria St., Toronto. Noted Nov. 15.

★**Ont., Sault St. Marie**—Algoma Steel Corp. let contract 6 Gunite buildings to be built by Cement-Gun method, to Burns Cement Gun Constr. Co., Ltd., Toronto.

BUILDINGS

Proposed Work

Mass., Haverhill — Hospital — City soon lets contract, 3-story, 40 x 140-ft., and 1-story, 25 x 50 ft. H. W. Colby, 46 Cornhill St., Boston, archt.

Mass., Roxbury—Hospital—Grand Lodge of Elks plans to build hospital for sailors and soldiers on Parker Hill, to consist of 6 units. About $200,000. Address J. R. Nicholson, 45 Commercial Wharf, Boston.

Conn., New Haven—Hotel—A. Porto had plans prepared by R. Williams, archt., Chamber of Commerce Bldg., 4-story, brick, Columbus Ave., and Water St.

Conn., New Haven—Office—W. P. Curtis, c/o Union & New Haven Trust Co., 57 Church St., representing syndicate, having plans prepared by C. Gilbert, archt., 244 Madison Ave., New York City, 10-story, fireproof, on Church St. About $800,000.

N. Y., Brooklyn—Bank—Peoples Natl. Bank, 1336 Bway., having plans prepared by Koch & Wagner, archts., 26 Court St., 1 story, 44 x 106 ft., Quincy St. and Ralph Ave. About $130,000.

N. Y., Brooklyn—Hospital—Maternity Hospital Society, 1666 Pitkin Ave., soon lets contract. About $75,000. Cohn Bros., 363 Stone Ave., archts.

N. Y., Brooklyn—Restaurant and Theater—Putnam Theatrical Co., c/o M. Loew, 1493 Bway., New York City, had plans prepared by T. W. Lamb, archt., 644 8th Ave., New York City. About $500,000.

N. Y., Freeport—Theatre and Office—F. Tinney, c/o C. E. Kern, archt., 55 East Ave., soon lets contract, 2 story, 117 x 200 ft.

N. Y., New York—Court—City had plans prepared by A. Hopkins, archt., 101 Park Ave., 2-story, 44 x 100-ft. brick and marble, 2nd St. and 2nd Ave. About $150,000. W. McAdoo, 300 Mulberry St., chief city magistrate.

N. Y., Randalls Island—Kitchen—City of New York having plans prepared by D. Barber, archt., 101 Park Ave., New York, City, 1-story. About $65,000. J. A. Kingsbury, Municipal Bldg., New York City, comr. charities.

N. J., Trenton—Administration, Home, Etc.—Bd. Mgrs. State Home for Girls plans colony to include administration building, 3 separate wards, etc. About $300,000. Dr. J. M. Reese, Phillipsburg, pres.

Pa., Harrisburg—Hospital—State plans. About $200,000. Address Lewis S. Sadler, Carlisle.

Pa., Phila.—Club—Drexel Hill Club had plans prepared, 2 story, Garrett Rd. and Beaumont Ave. About $60,000.

Pa., Warren—Hospital—Warren State Hospital for Acute Patients having plans prepared by Kendall, Taylor & Co., 93 Federal St., Boston, Mass., and E. A. Phillips, Warren Trust Bldg., archts., for new buildings. About $250,000.

Pa., Tamaqua—High School—Bd. Educ. plans. Bonds for $125,000 voted for work.

Ga., Atlanta — Store — Davison-Paxon-Stokes Co., 59 Whitehall St., has leased McClure store corner, Whitehall and Hunter Sts., and plans to build new 4-story, 31 x 103-ft. building. W. T. Downing, Grant Bldg., archt.

O., Cleveland—Store—Wolfe-Sill Realty Co., 715 Garfield Bldg., having plans prepared by Steffens & Steffens, archts., 1027 Williamson Bldg., brick and concrete, at East 141st and St. Clair Sts. About $60,000.

O., Dayton—Bank—General City Bldg. & Loan Assn. had plans prepared by Schenk & Williams, archts., 591 Arcade Bldg., 1 story, 38 x 50 ft. About $100,000. O. J. Bard, mgr.

O., Deshler—School—City election soon to vote on $80,000 bond issue to build school.

O., East Cleveland—(Cleveland P. O.)—Junior High School—Bd. Educ. soon lets contract, 3-story, rein.-con. and brick. About $200,000. C. S. Schneider, 2258 Euclid Ave., Cleveland, archt.

O., East Cleveland—(Cleveland P. O.)—Hospital—Hospital Comrs. soon let contract, 4 story, 88 x 250 ft., brick, rein. con. and steel. About $200,000. W. Hirsch, 1303 Swetland Bldg., archt. Noted Aug. 23.

O., London—Prison—State plans to build near here. Cost between $3,000 000 and $4,000,000. Richards, McCarty & Bulford, Hartman Bldg., Columbus, archts.

O., Norwood—School — Bd. Educ. had plans prepared, 2-story, 79 x 131 x 138 ft. H. Hake & C. Kuck, Telephone Bldg., Cincinnati, archts., soon receive bids.

O., Ravenna—Hospital—Portage Co. election soon to vote on $50,000 bond issue to build hospital.

O., Shaker Heights (Cleveland P. O.)—School—Bd. Educ. will receive bids about Jan. 1. Cost, $300,000. F. C. Warner, Hippodrome Annex, Cleveland, archt.

O., South Newburg—(Cleveland P. O.)—School—Town plans to build. Bonds for $50,000 voted for work.

O., Steubenville—Hotel—C. Mildner, Imperial Hotel, represents company having plans prepared by Peterson & Clark, archts., Nath Bldg., to construct hotel. About $300,000.

O., Toledo—Hotel—Ohio Athletic Club having plans prepared by Mills, Rhines, Bellman & Nordhoff, archts., 1234 Ohio Bldg., 10 story, 125 x 150 ft., 11th St. and Madison Ave. About $500,000.

Ind., Farmerville—Court House—Spencer Co. plans. About $125,000.

Ind., Ft. Wayne—Store—D. N. Foster Furniture & Carpet Co., 715-17 Court St., plans, 4 story, 70 x 126 ft., tile, on Main St.

Mich., Alma—Hotel—Alma Development Co. plans. About $150,000. E. R. Dunley, Hammond Bldg., Detroit, archt.

Mich., Detroit—Office—Michigan State Telephone Co. plans, 8 story, 100 x 214 ft., Michigan and State Sts. About $1,250,000. Smith, Hinchman & Grylls, Washington Arcade, archts.

Mich., Jackson—Hotel—J. Cavanaugh, 251 Main St., having plans prepared by E. E. Bailey, archt., Chambers Bldg., Oil City, Pa. About $200,000.

Ill., Chicago—Hotel—A. Pick & Co., 212 West Randolph St., plans, 10 or 12 story, 84 x 90 ft., Madison and Market Sts. About $600,000.

Ill., Chicago — Office — See "Industrial Works."

Ill., Lake Forest—Church—Methodist Congregation plans, on Market Sq. About $100,000. D. W. Brown, pastor.

Ill., Rock Island—Hospital—Sisters of Mercy having plans prepared by A. Dohmen, archt., 1st Natl. Bank Bldg., Milwaukee, Wis. About $200,000.

Ill., Urbana — Hospital — University of Illinois plans, on Armour Ave. About $120,000.

Wis., Kenosha — Theater—A. Meis, c/o Virginia Theater, had plans prepared by White, White & White, archts., 414 Pub. Serv. Bldg., 2-story, 65 x 140 ft. About $90,000.

Wis., Lake Geneva—Hospital—Northwestern Military & Naval Academy, Lake Geneva, having plans prepared by Marshall & Fox, archts., 706 Lincoln Ave., Chicago, building hospital and refectory; also power and lighting plant. About $125,000.

Wis., Milwaukee — High School — Bd. Educ. plans, 4 story, 250 x 250 ft., Lenox and Montana Sts. About $600,000. Van Ryn & De Gelleke, 726 Caswell Blk., archts.

Wis., Milwaukee — Terminal — Chicago North Shore Rd. had plans prepared, Grand Ave. About $250,000. B. J. Fallon, 72 West Adams St., Chicago, ch. engr.

Wis., Washburn—Club House—Du Pont Powder & Munitions Co., Du Pont Bldg., Wilmington, Del., plans to build here for employees. About $80,000.

Ia., Des Moines—Hotel—Witmer Estate, 201 Manhattan Bldg., plans, 4th and Locust Sts. About $1,000,000.

Ia., Dubuque—Hospital — Dubuque Co. having plans prepared by K. F. Saam, archt., 428 Security Bldg., 2-story, 7th Ave. About $75,000. R. Benson, chn. bldg. comn.

Ia., Newton — Church — Congregational Church plans to rebuild church destroyed by fire last winter. About $60.000. G. C. Williams, pastor.

Ia., Pella—Dormitory, Etc.—Central College plans to build women's dormitory, gymnasium and auditorium. About $100,000.

Minn., Alexandria—Court House and Jail—Douglas Co. plans 2-story, 104 x 192-ft. courthouse, rein.-con. and marble, and 2-story, 74 x 100-ft., rein.-con. jail, on Belknap St.

Minn., Austin—Hospital—St. Olaf's Hospital, 908 Lansing St., soon lets contract, 8-story. About $50,000. C. S. Sedgwick, Lumber Ex. Bldg., Minneapolis, archt.

Minn., Minneapolis—Hotel and Stores—C. G. Wentworth, 100 Metropolitan Life Bldg., had plans prepared by J. W. Lindstrom, archt., Andrus Bldg., 3-story, 59 x 165-ft. hotel and 3 stores.

Buildings (Continued)

Tex., Waco—School—Bd. Educ. having plans prepared by L. Schmidt, archt., 121 North Market St., for addition. About $60,000.

Okla., Miami—See "Streets and Roads."

Wash., Seattle—See "Industrial Works."

Ont., Winona—Aerodrome—Royal Flying Corps, 56 Church St., Toronto, plans aerodrome, including hangars, water-works, lighting system, sewerage system and concrete roadways. About $500,000. J. B. Carswell, 56 Church St., Toronto, archt.

BIDS DESIRED

N. Y., Suffern—Hospital—Until Dec. 8, by Rockland Co. Comrs., for tuberculosis hospital. Tooker & Marsh, 101 Park Ave., New York City, archts.

Pa., Harrisburg—Junior High School—Until Nov. 27, by Bd. Educ., 4-story. About $300,000. C. Howard, Lloyd Telegraph Bldg., archt.

O., East Cleveland—(Cleveland P. O.)—(Official)—Junior High School—Until Dec. 10, by Bd. Educ., 3-story, rein.-con. and brick. About $200,000. C. S. Schneider, 2258 Euclid Ave., Cleveland, archt. Noted Nov. 15.

Ind., Lafayette—Office—Until Nov. 27, by Lafayette Life Insurance Co., 10 story, 51 x 121 ft., 3rd and Main Sts. J. A. Alexander & Son, Ball Blk., archts. Noted July 19.

Ia., Corinth—School—Until Nov. 26, by Bd. Educ., 2 story, rein. con. About $70,000. W. C. Oelke, secy.

Kan., Wichita—Hospital—Until Jan. 1, by Wesley Hospital, for 1st unit, 4 story. About $250,000.

Wash., Grand Mound — Cottage — Until Dec. 1, by O. A. Togerson, secy. state bd. control, Olympia, building cottage and power plant at state institution. About $70,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Yonkers**—School—Bd. Educ. let contract addition to School No. 16 to T. & C. Miller Bros., 244 Riverdale Ave. About $70,000.

★**Pa., Ashley**—High School—Bd. Educ. let contract, 2 story, 100 x 118 ft., brick and steel, to E. J. Donohue, Ashley. Noted Sept. 6.

★**Wash., D. C.**—Office—Arlington Bldg., Inc., c/o Wyatt & Nolting, archts., Keyser Bldg., Baltimore, Md., let contract on Vermont St. to Underpinning & Foundation Co., 290 Bway., New York City. About $2,500,000.

★**Ala., Birmingham**—Schools—Bd. Educ. let contract 3 schools to J. W. Ager, $58,000. Noted Oct. 11.

★**Mich., Detroit**—Store—R. H. Fyfe & Co., Woodward Ave., let contract 10-story store and garage, to J. T. Mayhew, 317 Grand River St., $300,000.

★**Mich., Port Huron** — Grade and High School—Bd. Educ. let contract junior high and grade school, to A. Schultz, 805 Bancroft Ave., $113,224. Noted July 26.

★**Ia., Templeton**—School—Bd. Educ. let contract consolidated school building to C. W. Ennis, Toledo, Ia., $64,925.

★**Minn., Minneapolis**—Hospital, Etc.—Bd. Charities and Corrections, Court House, let contract 3-story, rein.-con. hospital, and 1-story, 25 x 40-ft., rein.-con. power house, to R. J. Cheney & Co., 716 11th Ave. About $86,748. Noted Oct. 4.

★**Kan., Lawrence**—Administration and Liberal Arts—State University let contract, 3-story, rein.-con., to Olson & Johnson, 1st Natl. Bank Bldg., Omaha. About $300,000. Noted Sept. 20.

★**Tex., Beaumont**—Freight Depot—Gulf Coast Line, Amer. Trust Bldg., let contract Neches and Bowie Sts., to H. Weber, Beaumont. About $50,000. Noted Oct. 4.

★**Tex., Denton**—Church — First Baptist Church will be built by day labor. About $50,000. Address J. W. Alexander, Denton.

★**Okla., Okmulgee** — Hospital — City let contract 3-story, 40 x 80-ft. steel, concrete and brick, to L. Crosby & Son Constr. Co., Massachusetts Bldg., Kansas City, Mo., about $50,000. Noted Nov. 15.

★**Colo., Denver**—Museum—City and Denver Co. let contract, 2½-story addition, to A. Olson, 655 Vine St., $75,000.

★**Wash., Tacoma**—(Official)—Theater—J. S. Baker & H. F. Moore let contract 3-story, 90 x 120-ft., rein.-con., steel and brick, 9th and Market Sts., to Dawson & Dahlberg, Tacoma, $60,000. Noted Nov. 1.

FEDERAL GOVERNMENT WORK

Proposed Work

N. Y., Waterloo—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., rejected bids opened Oct. 28. Noted Nov. 1.

Pa., Ft. Mifflin—Ammunition Box Repair House and Central Heating Plant—Bureau Yards and Docks, Navy Dept., Wash., preparing plans; Specification No. 2716.

Pa., Ft. Mifflin—Marine Barracks—Bureau Yards and Docks, Navy Dept., Wash., preparing plans; Specification No. 2717. About $70,000.

Wash., D. C.—Addition to Hospitals — War Dept., I. W. Littell, brig. genl. soon lets contract for additions to present base hospitals at Camp Mills, Garden City, and Camp Upton, Yaphank, L. I.

La., Grande Isle—Buildings—E. P. Bertholf, capt. commandant, U. S. Coast Guard, Wash., D. C., rejected bids opened Oct. 29 for new buildings and accessories for Coast Guard Station No. 214, Baratarvia Bay. Noted Nov. 1.

O., Kenton—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., rejected bids opened Nov. 1. Work will be readvertised. Noted Nov. 8.

BIDS DESIRED

R. I., Melville—Dredging—Until Dec. 3, by Bureau Yards and Docks, Navy Dept., Wash. About $26,500. Noted Nov. 1.

R. I., Newport—Warhead Storage Building—Until Nov. 26, by Bureau Yards and Docks, Navy Dept., Wash., building, on Rose Island. About $15,000.

Conn., New London—Power House and Machine Shop—Until Nov. 30, by Bureau Yards and Docks, Navy Dept., Wash., building at submarine base; Specification No. 2626.

N. J., Lake Denmark — Fencing — Until Nov. 26, by Bureau Yards and Docks, Navy Dept., Wash., fencing U. S. magazine buildings. About $54,000.

Md., Indian Head—Powder Dry Houses—Until Nov. 24, by Bureau Yards and Docks, Navy Dept., Wash. About $230,000.

Wash., D. C. — Locomotive Dry Dock Cranes—Until Nov. 26, by Bureau Yards and Docks, Navy Dept., for furnishing at Norfolk, Va., Phila. and New York Navy Yards.

Wash., D. C.—Pattern Shop—Until Dec. 3, by Bureau Yards and Docks, Navy Dept., Wash., building at Navy Yard. About $475,000.

Wash., D. C.—Refrigerating Apparatus, Electric Freight Elevators, Meat Dregs, etc. —Until Dec. 10, by Major B. Crowell, E. O. R. C., U. S. Army, genl. purch. agt. Panama Canal, Wash., D. C.; advertised in this issue.

La., Alexandria—Post Office—Until Dec. 27, by J. A. Wetmore, superv. archt., treas. dept., Wash. Noted May 3.

Ill., Rock Island—Addition to Filtration Plant—Until Nov. 25, by G. W. Burr, colonel ordnance dept., Rock Island Arsenal, enlarging filtration plant.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston** — Heating Apparatus — Bureau Yards and Docks, Navy Dept., Wash., let contract installing heating apparatus, Commonwealth Pier, to Walworth-English Flett Co., 100 Pearl St., $6123. Noted Nov. 8.

Mass., Boston — Timber Bulkhead — Bureau Yards and Docks, Navy Dept., Wash., received low bids building at Navy Yard, (work complete), from W. L. Miller Co., Boston, $7290; C. M. Leach, Boston, $7373; Randall Stoddard Co., Chelsea, $12,998. Noted Nov. 1.

Mass., Chelsea—Heating, Plumbing and Lighting—Bureau Yards and Docks, Navy Dept., Wash., received low bids installing in emergency hospital, from Lynch & Woodward, 26 Beach St., Boston, $392,975; Buerkel & Co., 24 Union Park St., Boston, $410,383; Lord Electrical Co., 112 Water St., Boston, cost plus percentage. Noted Nov. 8.

★**R. I., Newport**—Battery Shed—Bureau Yards and Docks, Navy Dept., Wash., let contract battery sheds for Submarine Sta., to Darling & Slade Constr. Co., 52 Bridge St., $27,000.

★**R. I., Newport**—Extension to General Storehouse—Bureau Yards and Docks, Navy Dept., Wash., let contract, to J. Herndon, 12 Boynton St., Worcester, Mass., $147,833. Noted Nov. 15.

Conn., New London—Torpedo Shop and Storage Building—Bureau Yards and Docks, Navy Dept., Wash., received low bids, building at submarine base, (a) net price, (b) using concrete foundation, from M. F. Kelley, 401 West 126th St., New York City, (a) $35,867, (b) $35,000; Darling Slade Constr. Co., Contractors Bridge, Newport, R. I., (a) $39,488, (b) $35,536; R. H. Arnold & Co., Woodward Bldg., Wash., D. C., (a) $43,950, (b) $41,718. Noted Oct. 25.

★**N. Y., Brooklyn**—Addition to Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract, to B. Knapp, 431 West 41st St., New York City, $25,670.

★**N. Y., Brooklyn**—Emergency Hospital—Bureau Yards and Docks, Navy Dept., Wash., let contract to Frymier, Hanna Co., 25 West 45th St., New York City, $298,612.

N. Y., Brooklyn — Shipbuilding Ways—Bureau of Yards and Docks, Navy Dept., Wash., received bids Nov. 19, (a) excav., (b) filling, (c) dredging, (d) timber work, (e) timber work, (f) removal of quay wall, (g) rein.-con., (h) plain concrete, (i) rein.-steel, (j) expansion joints, (k) miscellaneous metals, (l) rip rap, (m) recovering and resetting granite coping, (n) miscellaneous work, (o) concrete piles (alternate only), Specification 2577, from:

Jarrett-Chambers Co., 30 East 42nd St., New York, (a-1), $1.20; (a-2), $3.60; (a-3), $10; (b) $.28; (c), $.44; (d), $.39; (e-1), $2.18; (e-2), $175; (e-3), $215; (e-4), $208; (e-5), $86; (e-6), $107; (e-7), $30; (f) $12,000; (g-1), $42; (g-2), $40; (h-1), $12; (h-2), $11; (h-3), $39; (i), $.078; (j), $243; (k-1), $.088; (k-2), $.053; (k-3), $.083; (k-4), $.105; (k-5), $.078; (l), $1.64; (m), $2.46; (o), $1.80; time, 240 days.

I. J. Stander & Co., 118 East 28th St., New York, (a-1), $2; alternate, $2.10; (a-2), $4.30; alternate, $4.30; (a-3), $6.40; (b), $.25; (c), $2.50; (d), $.60; (e-1), $178; (e-2), $186; (e-3), $156; (e-4), $157; (e-5), $153; (e-6), $115; (e-7), $14; (f), $14,000; (g-1), $15; (g-2), $16; (g-3), $24; (h-1), $12; alternate, $18; (h-2), $18; (h-3), $23.50; (i), $11; (j), $400; (k-1), $.14; (k-2), $.97; (l), $170; (m), $1.50; time, 270 days.

Degnon Contg. Co., 68 Hunterspoint Ave., Long Island City, (a-1), $5; (a-2), $6.30; (a-3), $8; (b), $2; (c), $2; (d), $.65 alternate, $.75; (e-1), $165; (e-2 to 6), $165; (e-7), $75; (f), $10,000; (g-1), $20; (g-2), $21; (g-3), $22; (h-1), $17; (h-2), $18; (h-3), $19; (i), $.08; (j), $125; (k-1), $.15; (k-2), $.10; (k-3), $.10; (k-4), $.12; (k-5), $.12; (l), $5; (m), $3; time, 240 days. Noted Oct. 18.

N. Y., New York—Aircraft Storage and Aircraft Repair for Export—Bureau Yards and Docks, Navy Dept., Wash., received low bids, (a) work complete, (b) structural steel (c) and (d) alternate from Post & McCord, 100 Park Ave., (a) $264,000, (c) deduct $6000, (d) add $450; Austin Co., Bulletin Bldg., Phila., (a) $269,850, (b) $198,800, (c) $269,675, (d) $269,160; J. Stewart & Co., 30 Church St., (a) $275,000 (b) $200,000, (c) deduct $3000, (d) add $2000; U. S. Steel Products Co., 30 Church St., (b) $86,288.

N. Y., New York—Pneumatic Tube System—Bureau Yards and Docks, Navy Dept., Wash., received low bids (a) work complete, (b, c and d) alternate bids; from Lampson Co., Boston, Mass., (a) $25,832, (b) $13,111, (c) $1.72, (d) $.69; Standard Store Service Co., Inc., 304 Madison Ave., (a) $75,800, (b) $35,800, (c) $5, (d) $1.40.

N. J., Cape May—Garbage Incinerator—Bureau Yards and Docks, Navy Dept., Wash., received low bids, from Morse Boulger Destruction Co., 39 Cortlandt St., New York City, $7500; W. F. Kemp, 6426 Loomis St., Chicago, $9985.

Pa., Ft. Mifflin — Buildings — Bureau Yards and Docks, Navy Dept., Wash., received low bids building addition to Building No. 62, also new steel building, (a) 50 x 150 ft., (b) 20 x 80 ft., from Monahan & Losse, Inc., 3016 Chestnut St., Phila., (a) $11,562, (b) $3548; George & Borst, 277 South 11th St., Phila., (a) $14,489. Noted Nov. 15.

★**Pa., Hollidaysburg**—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract, to King Lumber Co., Charlottesville, Va., $62,000. Noted Nov. 8.

Pa., Phila.—Filling out Pier and Bulkhead Wall—Bureau Yards and Docks, Navy Dept., received low bids filling out pier and bulkhead wall at Navy Yard, Specification No. 2692, unit prices, items 1 to 16, Snare & Triest Co., 232 Bway., New York

Federal Government Work (Continued)

City, Item 1, $.55; 2, $85; 3, $95; 3b, $165; 3c, $110; 3d, $100; 4, $15.50; 4b, $18; 4c, $15; 4d, $8; 4e, $10; 5, $115; 6a and c, $.10; 6d, $.18; 6e and f, $.10; 7a and e, $.07; 7f, $.10; g and h, $.08; 8a, $.05; b, $.07; c and d, $.10; e, $30; f, $4500; g, $275; 9, $.70; 10a, $.14; 11a, $35; 12, $25; 13, $25; 14, $.50; 16, $300; Degnon Constr. Co., 68 Hunters Point Ave., Long Island City, 1a, $.50; b and c, $.60; Item 2, $160; 3a and d, $110; 4a, $15; Item 5, $160; 6a, $12; 7a, $12; 8a, $.05; 9, $.75; 10a and b, $.30; 11a, $60; 12, $20; 13, $20; 14, $.50; Maryland Dredging Co., 1515 Fidelity Bldg., Baltimore, Md., 1a, $.65; 2, $120; 3a, $150; 4a, $17; 5, $140; 6a and f, $.15; 7a and g, $.10; 8a, $.05; 9, $1; 10a and b, $.30 each, 11a and c, $50; 12, $25; 13, $5; 14, $.42. Noted Nov. 8.

Pa., Phila.—Railroad Turntable—Bureau Yards and Docks, Navy Dept., Wash., received only bid (work complete) from Amer. Bridge Co., 600 Cont. Trust Bldg., Baltimore, $7200.

Pa., Phila.—2 Sprinklers—Bureau Yards and Docks, Navy Dept., Wash., received only bid furnishing under Specification No. 2648, from General Fire Extinguisher Co., 275 West Exchange St., Providence, R. I., (1) $10,272; (2) $5807; (3) $4465.

Pa., Phila.—Tank and Tower—Bureau Yards and Docks, Navy Dept., Wash., rereived low bids building steel water tank and tower, (a) work complete, (b) alternate bids from Memphis Steel Constr. Co., Magee Bldg., Pittsburgh, (a) $16,864, (a1) $16,315, (b) $16,078, (b1) $15,529; Aetna Steel Products Co., 30 Church St., New York City, (a) $21,500; Chicago Bridge & Constr. Co., New York, (a) $22,500, (b) $18,200.

Md., Indian Head—New Dock and Railroad—Bureau Yards and Docks, Navy Dept., Wash., received low bids, unit prices, from McLean Constr. Co., Fidelity Bldg., Baltimore, (a) $300 per acre, (b) $.83, (c) $4.75, (d) $1000, (e) $3, (f) $40, (g) $12, (h) $.50, (i) $15.00; W. J. Torrington, Weightman Bldg., Phila., (a) $2, (b) $86,250, (c) $44,598, (d) $11,000, (e) $90,600, (f) $2500, (g) $4465, (h) $675,000, (i) $1000. Noted Nov. 8.

Wash., D. C.—Addition to Forge Shop—Bureau Yards and Docks, Navy Dept., received low bids building at Navy Yard, (a) work complete, (b) per lin.ft. for piles, (c) addition for removal of roof, from Boyle Robertson Constr. Co., Evans Bldg., (a) $117,874, (b) $.45 add, (c) $124,705; A. C. Moses Constr. Co., 916 New York Ave., (a) $119,200, (b) $1531 add.; M. A. Weller Co., 816 14th St., (a) $121,477. Noted Nov. 8.

Wash., D. C.—Fitting out Cranes—Bureau Yards and Docks, Navy Dept., Wash., received low bids for 3 electrically operated fitting out cranes of 350 gross ton capacity at Navy Yards, Norfolk, Va., New York and Phila., as follows: (a) Work complete; (b) modification of Drawing No. 68,193 (under this item bids may be submitted for cranes of two or more operations controlled by single motor by means of suitable clutches; (c) one crane in accordance with drawing No. 68,193; (d) one crane drawing No. 68,193 Navy Yard, Philadelphia; (e) one crane drawing No. 68,193, Navy Yard, Norfolk, Va.; (f) modifications of (e); (g) one crane drawing No. 68,193, Navy Yard, New York: Wellman-Seaver-Morgan Co., 7000 Central Ave. S. E., Cleveland, Ohio, (a) $2,414,000, (c) $836,900, (e) $836,900, (g) $836,900; McMyler, Interstate Co., 50 Church St., New York City, (b) $2,449,975, (d) $840,325, (f) $843,925, (b) $2,409,975, (d) $827,771, (f) $831,371; Webb & Ryan, New York, N. Y., cost plus 7%; informal, no check with bid. Noted Oct. 18.

★**Wash., D. C.**—Hospitals—War Dept., Brig. Genl. I. W. Littell, let contract building 24 hospitals at Walter Redd Army General Hospital, to Skinker & Garrett, Kellogg Bldg., cost plus percentage.

Wash., D. C.—Pier and Bulkhead—Bureau Yards and Docks, Navy Dept., received low bids building at Hampton Roads; Specification No. 2690, from H. P. Converse Co., 88 Broad St., Boston, Mass., Item 1, $.26; 2, $119.50; 3, $87.10; 4, $150; 5a, $.0865; b, $.0865; 6, $.0524; 7a, $.76; 8a, $133.25; 9, $94.02; 10, $157.08; 11, $.088; 12, $.055; 17, $.80; 18a, $71.50; 19a, $143.50; 20, $9.92; 21a, $108.28; 22, $170; 23a, $.086; 24a, $.075; 25a, $102.08; 26a, $.364; 27, $.30; 28a, $1.14; 29a, $.23; 30, $.085; J. Stewart & Co., 30 Church St., New York City, Item 1, $.38; 2, $123; 3, $85; 4, $136; 5a, $10; 6, $.07; 8a, $134; 9, $94; 10, $146; 11a, $10; 12, $.07; 17a, b, c, d, e, f, g, $.90 each; 18a-b, $88 each; 19a to f, $130 each; 20a, $8; 21a, $107; 22, $140; 23a, $10; 24a, $10; 25a, $117; 26a, $.36; 28a-b, $1 each; 29, $.18; 30, $.04. Noted Nov. 8.

Wash., D. C.—Refrigerating plant and Brine Circulating System—Bureau Yards and Docks, Navy Dept., Wash., received low bids (a) work complete, (b) alternate, (c) omitting for ammonia compressor and brine, circulating pump, (d) omission under (b); Automatic Refrigerator Co., 89 Willow St., Hartford, Conn., (b) $6850, (d) $2350; York Mfg. Co., York, Pa., (b) $7360, (d) $1350; Boyer Machine & Ice Co. Jersey City, N. J., (b) $7770, (d) $1050. Noted Nov. 1.

★**Wash., D. C.** — Storehouse — Bureau Yards and Docks, Navy Dept., Wash., let contract building general storehouse, 1 covered annex with crane runway and alteration to present building No. 28, to Faribault Bldg. Corp., 15 Park Row, New York City, $376,751. Noted Nov. 8.

★**Wash., D. C.**—Structural Steel—Bureau Yards and Docks, Navy Dept., Wash., let contract for structural steel for seaplane hangar, Hampton Roads, Va., to Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., $19,312. Noted Nov. 15.

★**Va., Farmville**—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract, to J. A. Stewart, South Boston, Va., $46,400. Noted Nov. 8.

W. Va., Charleston—Electric Power Distributing System—Bureau Yards and Docks, Navy Dept., Wash., received low bids building at U. S. Naval Projectile Plant, from G. E. Eng. Co., 417 Canal St., New York City, $26,711; Carroll Electric Co., 714 12th St., Wash., D. C., $29,700; E. S. Downs Co., 756 Broad St., Newark, N. J., $29,987.

★**N. C., Burlington** — Post Office — J. A. Wetmore, superv. archt., treas. dept., Wash., let contract, to W. H. Stillwell, Savannah, Ga., $55,208. Noted Nov. 15.

★**S. C., Charleston**—Automatic Sprinkler System—Bureau Yards and Docks, Navy Dept., Wash., let contract installing in general storehouse, to Rockwood Sprinkler Co., 275 West Exchange St., Providence, R. I., $6935. Noted Nov. 8.

S. C., Charleston—Steel Tower—Bureau Yards and Docks, Navy Dept., Wash., building 300 ft. steel tower and reinforcing 2 existing steel towers at Navy Yard, (a) net price per lb. steel, (b) net price per lb. new tower, (c) per lb. steel, 2 existing towers, (d) alternate, (e) insulators installed, (f) winch and rope installed, (g) lightning protection installed, (h) snatch blocks, eyebolt shackles installed, from Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, (a) .1749, (b) .1749, (c) .2572, (d) .2572, (e) $1400, (f) $275, (g) $175, (h) $140; Independent Bridge Co., Beaver and Rebecca St., Pittsburgh, (b) .175, (d) .215, (e) $1350, (f) $200, (g) $150, (h) $150. Aetna Steel Products Co., 30 Church St., New York City, (a) $9.89 per 100 lb., (b) $10.40, (c) $11.60, (d) $12.00, (e) $30, (f) $420, (g) $100. Noted Oct. 25.

Ga., Forsyth — Post Office — J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids from J. H. B. Wilder, Columbus Rd., Macon, $36,697; J. N. Boston, Marion, Ky., $40,340; W. J. Brent, 506 Bd. Trade Bldg., Norfolk, Va., $41,506. Noted Oct. 11.

★**Miss., Gulfport**—Emergency Camp—Bureau Yards and Docks, Navy Dept., Wash., let contract, to Paschen Bros., 1426 Conway Bldg., Chicago, $408,000. Noted Nov. 8.

★**Miss., Gulfport**—Emergency Hospital—Bureau Yards and Docks, Navy Dept., Wash., let contract, to W. T. Hadlow & Co., Baldwin Bldg., Jacksonville, Fla., $101,650. Noted Nov. 8.

★**Ky., Louisville**—Power House — U. S. Engr., Louisville, let contract building at Lock No. 41, to National Concrete Constr. Co., Bd. of Trade Bldg., $7691. Noted Oct. 4.

★**O., Dayton**—Experimental Station—Bureau Yards and Docks, Navy Dept., Wash., let contract building at McCook Field, to Dayton Lumber & Mfg. Co., Clinton and Bacon St., $200,000.

★**Ind., Valparaiso**—Post Office — J. A. Wetmore, superv. archt., treas. dept., Wash., let contract to Clarke Constr. Co., Danville, Ill., $70,711. Noted Oct. 4.

★**Mich., St. Joseph**—Revetment — U. S. Engr. Office, Detroit, let contract for repairs to revetment at St. Joseph Harbor, to I. J. Lyons, St. Joseph, $25,995.

Mo., Harrisonville — Post Office — J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids, from F. H. Latimer, Kansas City, $57,778; T. W. Cissell, Newark, O., $58,383; W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn., $61,300. Noted Oct. 11.

Tex., Austin—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids from Welsh & Birney, Austin, $22,806; W. Grohne Constr. Co., Joliet, Ill., $26,850; Trinity Constr. Co., Austin, Tex., $28,500. Noted Oct. 11.

Cal., San Diego—Depot—Bureau Yards and Docks, Navy Dept., Wash., received low bids building naval coal depot, San Diego Harbor, as follows: (a) 9554 cu.yd. excav., (b) 1403 cu.yd. rein.-con. for pump pit, (c) 293,200 lb. reinforcing steel; (d) 12,000 lb. miscellaneous metal work; (e) building as specified; (f) mechanical and electrical equipment; (g) piping; (h) lighting and power, (i) alternative foam fire protection system; (j) tests, from J. W. Danforth Co., 70 Elliott St., Buffalo, N. Y., (a) 70c.; (b) $18; (c) $5.75; (d) 25c.; (e) $30,000; (f) $170,786; (g) $79,947; (h) $5700; (i) $19,434; (j) $1000; Connors Bros. Co., 156 East 102nd St., New York City, (a) $2.50; (b) $30; (c) 15c.; (d) 20c.; (e) $40,000; (f) $120,000; (g) $131,000; (h) $18,000; (i) $3000; C. C. Moore & Co., Sheldon Bldg., San Francisco, (a) $.835; (b) $17.60; (c) $.62; (d) $.11; (e) $22,000; (f) $180,000; (g) $72,000; (...) $6325; (i) $300; Turner Co., 272 Natma St., San Francisco, (a) 60c.; (b) $15; (c) $6.75; (d) $.165; (e) $27,670; (f) $149,600; (g) $101,200; (h) $8200; (i) $12,600; (j) $2000.

★**Cal., Mare Island**—(Vallejo P. O.)—Structures—Bureau Yards and Docks, Navy Dept., Wash., let contract building structures for submarine base, to Clinton Constr. Co., 140 Townsend St., San Francisco, $86,250. Noted Nov. 15.

MISCELLANEOUS

Proposed Work

Garbage Disposal Plant—Johnstown, Pa.—(Official)—City voted $75,000 bonds to build garbage disposal plant. J. R. Crissey, city engr. Noted Oct. 18.

Dock—Cleveland, O.—Cleveland Builders' Supply Co., Leader-News Bldg., plans to build 600-ft. rein.-con. loading and unloading dock, foot East 49th St.

Dam—Phoenix, Ariz. — See "Excavation and Dredging."

BIDS DESIRED

Retaining Wall—Greenfield, Ind. — See "Excavation and Dredging."

Portland Cement—Minneapolis, Minn.—Until Nov. 28, by City, furnishing 100,000 bbl. portland cement. F. W. Cappin, city engr.

Dam—Tex., San Angelo—See "Water-Works."

Steam Pipe and Fittings—San Jose, Cal.—Until Dec. 3, by H. A. Pfister, clk., Santa Clara Co., furnishing wrought iron steam pipe and fittings at county almshouse.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Duct Line—New York, N. Y.**—Pub. Serv. Comn. let contract, duct line for 7th Ave.-Lexington Ave. Rapid Transit R.R., consisting of 32 ducts extending under Westchester Ave. and Bronx River (Bronx Boro.), to Underpinning & Foundation Co., 290 Bway., $47,113. Noted Nov. 15.

★**Coal Pockets — Phila., Pa.**—Phila. & Reading R.R. let contract for rein.-con. coal pockets, Erie and Lawrence St., to Roberts-Schaefer Co., Chicago, $170,000.

River Channel Improvements—Columbus, O.—(Official)—G. A. Borden, dir. pub. serv., received low bids widening Scioto River, including building levees, bridges and (a) concrete balustrade, (b) stone balustrade, from J. B. Sheets & Co., Pittsburgh, Pa., (a) $2,358,859, (b) $2,361,379; R. H. Evans Co., Savings Bank Bldg., Columbus, (a) $2,600,350, (b) $2,616,537; W. E. Callahan Constr. Co., 1517-18 Citizens Natl. Bank Bldg., Omaha, Neb., (a) $2,248,811, (b) $2,262,980. Noted Oct. 25.

Flood Control Works—Dayton, O.—(Official)—E. M. Kuhns, secy. bd. dir. Miami Conservancy Dist., received bids Nov. 15, building dams and appurtenances for flood-control works (12 contracts), from H. P. Converse & Co., 88 Broad St., Boston, Mass.; United Dredging Co., Seattle, Wash., R. H. & G. A. McWilliams, 998 Crete St., Chicago; Parsons Constr. Co., Security Bldg., Binghamton, N. Y.; M. C. Connors & Co., 601 West Madison St., Chicago; Winston & Co., 12 North 7th St., Richmond, Va. All proposals were rejected excepting Contracts Nos. 41, 43 and 45 of R. H. & G. A. McWilliams, which will be held for further consideration. Noted Sept. 13.

★**Incinerating Plant—Kansas City, Mo.**—City let contract, Grand Ave. and Front St., to Decarie Co., c/o Kansas City Eng. Co., Scarritt Bldg., $129,957.

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